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MICHELL'S BULBS

1933

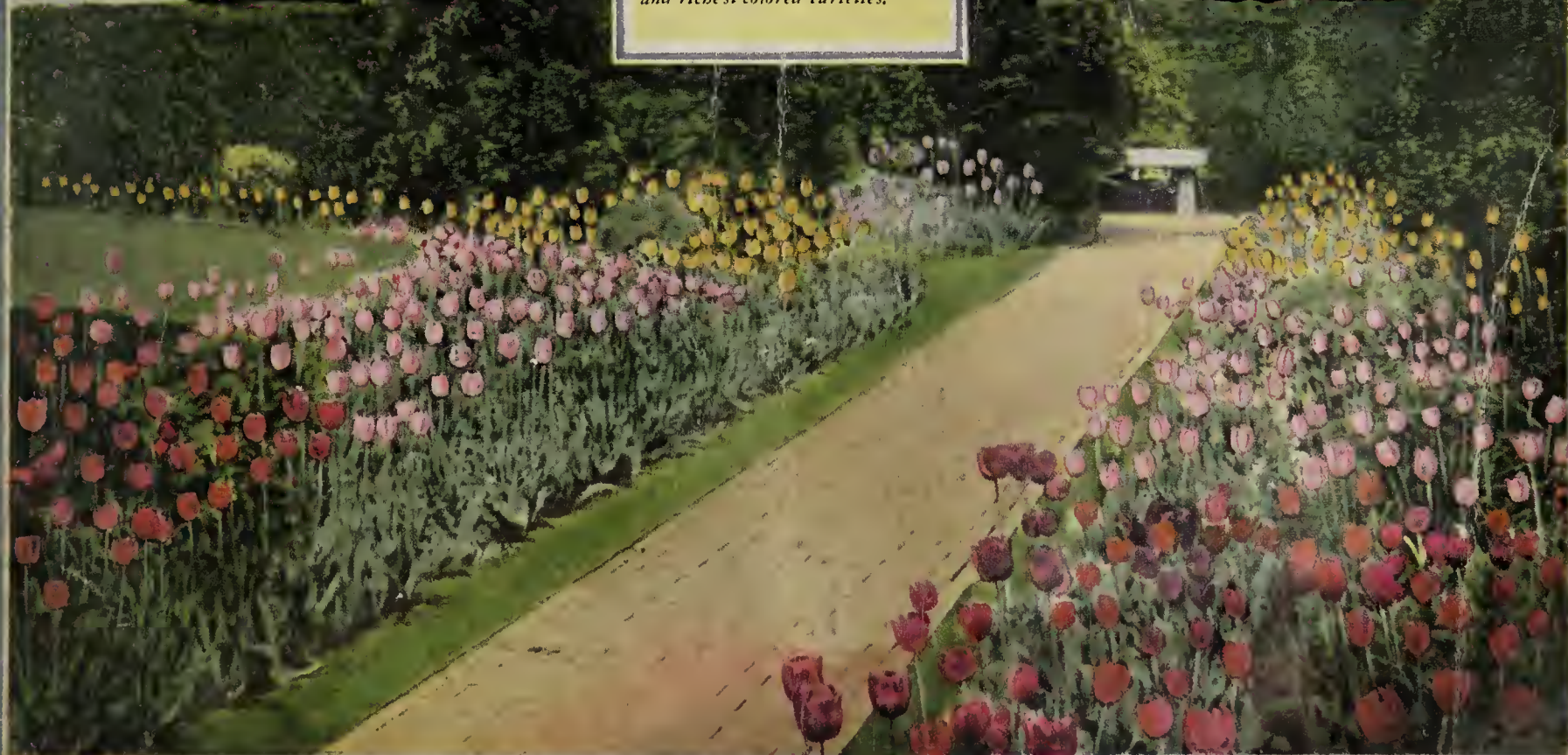


MICHELL'S DARWIN TULIPS

1. VENUS.
2. DREAM.
3. INGLEScombe YELLOW.
4. CITY OF HAARLEM.
5. AFTERGLOW.

For prices of the above and other varieties, see body of this catalog.

We also highly recommend our mixture of Darwin Tulips, which contains only the choicest, long stemmed and richest colored varieties.



HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., P



NOTICE TO CUSTOMERS IN CANADA AND OTHER COUNTRIES OUTSIDE OF THE UNITED STATES

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

BUSINESS TERMS

We especially invite Charge Accounts which are more convenient than to remit for each order at the time it is sent us. When sending your first charge order, please send us the names and addresses of two or more business houses with whom you have had past or present credit relations.

REGARDS C. O. D. SHIPMENTS

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.). No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders can be accepted where the amount is less than \$1.00.

FORWARDING SERVICE

We pay postage charges on all orders for vegetables, seeds, flower seeds and grass seeds in quantities up to five pounds (unless otherwise noted) to the first and second zones. If larger quantities of the above, also bulbs, plants and sundries are wanted by Parcel Post, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage or at the rate quoted in table below.

All Plants, Roots and Bulbs are forwarded by Express (or Parcel Post when possible) purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs unless otherwise noted.

To all points east of the Mississippi River, 15 per cent. extra to cover postage and packing charges.

To all points west of the Mississippi River, 25 per cent. extra.

SAFE ARRIVAL.—We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no express or freight agent, to such points the purchaser must assume any claim for loss or damage.

CONDITIONS OF SALES

All contracts, sales and acknowledgments of orders are contingent upon crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.



SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

PACKING CHARGES

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

LOCAL DELIVERY.—Our free delivery service covers Philadelphia and vicinity, also Camden, N. J., and nearby points.

Also note that we do not guarantee to maintain a daily delivery to these points.

Please note the free delivery service does not include bulky quantities of fertilizers in over ¼ ton quantities. Special arrangements can however be made for delivery of these at a reasonable charge.

Shipment of goods can also be made by package service from Market and Chestnut St. Ferries, Broad St. Station, Reading Terminal and B. & O. R. R., at 24th and Chestnut Sts.

The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c.	26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c.	41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

Parcel Post Rates from Philadelphia (Subject to Change)

United States Parcel Post Rates (Seeds, plants and bulbs included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia	\$0.07	\$0.01	
1st Zone, within 50 miles of Philadelphia	.08	.01.1	Limit of weight to all zones, 70 lbs.
2d Zone, over 50 and under 150 miles	.08	.01.1	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
3d Zone, over 150 and under 300 miles	.09	.02	
4th Zone, over 300 and under 600 miles	.10	.03.5	
5th Zone, over 600 and under 1000 miles	.11	.05.3	
6th Zone, over 1000 and under 1400 miles	.12	.07	
7th Zone, over 1400 and under 1800 miles	.14	.09	
8th Zone, over 1800 miles	.15	.11	

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges— if ordered to be sent by either of the methods as stated above.

Please note parcel post charges quoted by us are for delivery in the United States only.

HENRY F. MICHELL CO.
SEEDS BULBS. PLANTS. GARDEN SUPPLIES, FERTILIZERS.
INSECT DESTROYERS. POULTRY SUPPLIES, ETC.

WAREHOUSES 509-11-13 LUDLOW ST. AND
AMERICAN AND DAUPHIN STS.

516 AND 518 MARKET ST., PHILA.

NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

BELL AND KEYSTONE
TELEPHONES

Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply

ORDER NO.

L. T.
T.
L.
Zone

HENRY F. MICHELL CO. 518-516 MARKET ST.
PHILADELPHIA, PA.

Ship to
 NAME _____ Date _____ 193____
 Please prefix Mr., Mrs. or Miss
 Street _____ P. O. Box _____
 Post Office _____ R. F. D. No. _____
 Freight or Express Address _____
 If Different from P. O.
 County _____ State _____
 Charge to _____ Charge Address _____
 Gardener's or Superintendent's Name _____
 (That we may enter his name for Catalogs)

Please DO NOT Write
in This Space

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HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

OUTSTANDING DAFFODILS

The Narcissus family now contains varieties that cannot be forgotten, even if seen only once. The following varieties are presented for your selection; we think they are superb and no collection is complete without them.

Cheerfulness (*Poetaz*). An excellent double flowering type, a real double white, with a faint suggestion of pale yellow at base; medium to late flowering. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

Croesus (*Incomparabilis*). A new variety that is truly different in every respect; perianth primrose yellow, with thick overlapping petals; an unusually large and widely expanded crown of deep orange red completes this gorgeous picture. 30c. each; doz., \$2.75; \$17.50 per 100.

Mrs. E. H. Krelage. Often referred to as the "White King Alfred." This is one of the finest pure white trumpet varieties; free flowering and splendid for garden or exhibition. 30c. each; doz., \$2.75; \$17.50 per 100.

Primrose Phoenix (*Double*). Large rose-shaped flowers on long stems; color, primrose yellow; a great improvement over Von Sion and growing more in favor each season. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

Red Chief (*Barrii*). White with large, bold flat cup and broad edge of crimson scarlet; a beautiful exhibition variety. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.

Soleil Brilliant (*Poetaz*). A perfectly hardy form of Soleil d'Or; bright yellow petals, deep orange cups; from 8 to 15 flowers are produced on a stem. Excellent for growing in pans for Easter or earlier blooming and a choice acquisition for your garden. 3 for 30c.; \$1.10 per doz.; per 100, \$7.50; \$67.50 for 1000.

Thalia (*Orchid Flowered Narcissus*). Produces 3 to 4 blooms on a sturdy stem; color is a gorgeous white and flowers are so arranged as to remind one of orchids; an excellent variety for February forcing; truly a variety that is different. 35c. each; doz., \$3.50; \$25.00 per 100.

ANEMONE (Windflower)

Blue Poppy. A choice selection of true blue shades; flowers large, poppy-shaped and thick petaled; long wiry stems. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

IRIS RETICULATA

A very fine novelty, producing miniature blooms of delicate fragrance; height about 8 inches when in full bloom. If potted in bowls with bulb fibre early in September, can be had in bloom from Christmas on. Color, velvety purple, with gold blotch; makes a beautiful combination with Lily of the Valley, when used in baskets or other decorations. When planted in small clumps in sheltered rockery pockets, will bloom in April. 35c. each; doz., \$3.50; \$25.00 per 100.

LEUCOCRYNE IXIODES ODORATA

(Glory of the Sun)

A new introduction from Chile; requires the same culture as freesias and blooms during February and March; long wiry stems, 18 to 24 inches long, carrying a cluster of beautiful lavender, phlox-like flowers; the color is striking and odor faintly resembles heliotrope; flowers last from 3 to 4 weeks. A fine thing for all artistic decorations. \$4.25 per doz.; per 100, \$32.50.

RANUNCULUS (Buttercups)

Giant Yellow. A new strain, producing giant blooms on strong stems, in a full range of yellow shades, which are becoming very popular. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

MICHELL'S BULBS FOR ROCK GARDENS

A special collection of varieties that insure early Spring flowers; easily grown and will increase each season. Give your rockery a finished touch by planting this collection in October or November.

ACONITE, WINTER

(*Eranthis Hyemalis*)

Pure golden yellow flowers; prefers a moist, shady location; height, 6 inches. 40c. per doz.; per 100, \$2.50; \$20.00 per 1000.

CALOCHORTUS

(Butterfly Tulip)

Mixed Colors. Height about 18 inches; colors well balanced;

these native plants are hardy if given slight protection. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

CHIONODOXA (Glory of the Snow)

Luciliae. Bright blue with white center; makes a delightful edging plant. 40c. per doz.; per 100, \$2.50; \$20.00 per 1000.

CROCUS, GIANT NAMED MIXED

A mixture of large flowering varieties, well blended in colors. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.

FRITILLARIA MELEAGRIS

(Guinea Hen Flower or Checkered Lily)

Mixed Colors. A dainty thing, producing bell-shaped flowers; prefers a semi-shade or low, moist position. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

GRAPE HYACINTHS (Muscari)

Heavenly Blue. Early flowering; very hardy and multiply



Anemone



Crocus

rapidly; should be in every rockery; height, 6 to 8 inches. 45c. per doz.; per 100, \$2.75; \$22.50 per 1000.

JONQUIL, CAMPERNELLE REGULOSUS

Large, rich yellow flowers, very fragrant, will give your rockery a dainty touch. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.

SCILLA SIBERICA (Squills)

Grows 3 to 4 inches tall and increases rapidly; their deep blue color makes them very effective when used as an edging for bright-colored flowers. Mammoth bulbs, 45c. per doz.; per 100, \$3.00; \$25.00 per 1000.

SNOWDROPS (Galanthus)

Single Flowering. Flowers white; one of the earliest bulbs to bloom; perfectly at home in sun or shade; height, 6 to 8 inches; very effective for edging. 50c. per doz.; per 100, \$3.50; \$30.00 per 1000.

TULIP, CLUSIANA

(Lady or Candystick Tulip)

A gem for the rockery; height, 8 inches; color, cherry red and creamy white, with violet base. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

SPECIAL COLLECTION OFFER

6 each of above 10 varieties, 60 bulbs, \$3.00 postpaid.
12 each of above 10 varieties, 120 bulbs, \$5.50 postpaid.
25 each of above 10 varieties, 250 bulbs, \$9.75 postpaid.



MICHELL'S SUPERB DARWIN TULIPS

Darwin Tulips are ideal for the herbaceous border or massed in clumps in front of shrubbery. As a cut flower for vases they are superior to any other class of tulips. The splendid form, exquisite coloring and the enormous size of numerous varieties make them the favorite of all tulips. They belong to the May-flowering or late blooming class and produce their gigantic flower cups on long, stiff stems, above the broad foliage. They are also splendid for pan or pot culture. As this class is short of yellow, orange, and bronze varieties, these colors may be obtained in the Breeder and May-flowering or Cottage Garden types; the flowers are similar in shape and bloom at the same time as the Darwins. Ideal arrangements and color effects can be obtained by a combination planting as suggested above.

CULTURAL DIRECTIONS.—For Bedding Out. Plant in October or November in good, well-drained garden soil; set the bulbs 5 to 6 inches apart and 4 to 5 inches deep. After the ground has frozen, cover with litter, leaves or manure to protect them from frost; this should be removed in the Spring when danger from hard frost is past.

For Pot or Pan Culture.—Plant 4 to 6 bulbs in a 6-inch pot or pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought in a moderately cool room and gradually warmer; by bringing in a fresh supply every ten days, they can be had in bloom all Winter.

For complete cultural notes, see "Michell's Bulb-Growing Guide," sent free on request.

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F and G following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches.

For a striking effect, plant Darwin Tulips, Bleu Aimable in front of City of Haarlem.

Afterglow. (*Katherine Havemeyer*.) F 26. Deep rosy orange with salmon shading at edges; inside deep orange with yellowish base. A showy variety for outdoors. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

Aphrodite. F 32. Clear, silvery rose pink with white base; fine large flowers on tall stiff stems. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

***Baron de la Tonnaye.** F 26. Rich rose pink, shading paler toward edges of petals; an excellent bedding variety. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

***Bartigon.** F 24. Fiery red color, with pure white base; a very showy variety; grand forcer. 65c. per doz.; per 100, \$4.25; \$37.50 per 1000.

Bleu Aimable. F 25. Lavender with white base, starred blue; distinct in shape. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***Centenaire.** E 30. Enormous flowers; rich violet rose with large blue center; excellent for border or for forcing. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

***City of Haarlem.** F 27. One of the best scarlet varieties; steel-blue base with white outline; for bedding or forcing in pots; flowers large, on strong stems. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

✓ ***Clara Butt.** G 21. Delicate salmon pink, of perfect shape and lovely color; a good bedder and forcer. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

Darwin Tulip, City of Haarlem planted among Hardy Alyssum or Doronicum gives a finishing touch to your perennial border.

MICHELL'S SUPERB DARWIN TULIPS (Continued)³

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F and G following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 25c. per 100 for postage.

***Dream.** G 24. Large cup shaped flowers; colors, rosy lilac and mauve, blue base. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

***Farncombe Sanders.** F 25. Brilliant scarlet, with a clear white base; giant flowering; very showy; a good forcer. 65c. per doz.; per 100, \$4.25; \$37.50 per 1000.

King George V. F 25. Salmon scarlet shaded rose, blue base; an excellent bedder; holds its color in the sun. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

La Fiancee. G 30. Deep rose shading to old rose, delicate pink at edges; splendid large flowering variety. Very effective when planted with mauve and lavender varieties. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***La Tulipe Noire.** (*The Black Tulip.*) G 25. The nearest color to black in Tulips; deep maroon black with a velvety sheen. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***Le Notre.** E 24. Beautiful shade of bright pink, blue base starred white; very large. An excellent variety for early forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***Madame Krelage.** F 26. Bright lilac rose, margined pale silvery pink. A good forcer and excellent for the border. 65c. per doz.; per 100, \$4.25; \$37.50 per 1000.

***Matchless.** (*Roi d'Islande.*) F 27. A rare shade of old rose; highly recommended for late forcing; also very effective in borders. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

Darwin Tulip, La Fiancee is gorgeous for mass effect in the border. A wonderful effect is produced when planted with Camassias and Bleeding Hearts.

When comparing prices, please bear in mind that bulbs such as ours are produced under careful supervision of expert growers. Only select quality, large size and the most up-to-date packing methods are employed. Forty years of successful distribution and service is your guarantee.

Mrs. Potter Palmer. (*Fashion.*) G 26. Rich glowing purple; a distinct variety for border planting. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Orange Perfection. G 26. Bright salmon orange, shading to scarlet as the flower ages; bright blue base; flowers large and very choice for the border or among evergreens. \$1.50 per doz.; per 100, \$10.00; \$95.00 per 1000.

***Pride of Haarlem.** F 26. Brilliant rosy carmine; one of the most popular varieties; unsurpassed for massing among shrubs or in borders. 65c. per doz.; per 100, \$4.25; \$37.50 per 1000.

***Princess Elizabeth.** F 23. Clear pink, deepening with age; large flower; makes a beautiful show planted in front of evergreens. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

Prince of the Netherlands.

F 31. Cerise scarlet edged rose, blue base; flowers of enormous

size. A clump of these adds a distinctive touch to your color arrangement. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***Professor Rauwenhoff.** F 26. Bright cherry red, blue star at base; a large and attractive variety. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

***Rev. H. Ewbank.** F 20. Light heliotrope, shaded lavender; a splendid bedder; also stands forcing splendidly and produces large flowers of a very pleasing color. For a beautiful effect plant with yellow Cottage Tulips or among Bleeding Hearts. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

Scotch Lassie. F 26. Purest deep lavender, inside shadings darker, base dark blue; far superior to any Darwin in this shade, flowers are larger and of more substance; reflexes slightly. Will last 3 to 4 weeks, either in the garden or when cut. \$1.50 per doz.; per 100, \$10.00; \$95.00 per 1000.

The Bishop. F 30. This variety is conceded to be the finest in its class; excellent for beds or borders, or for forcing in pots; color deep violet, center white edged with blue, anthers black. A hit at all Flower Shows. \$1.50 per doz.; per 100, \$10.00; \$95.00 per 1000.

Venus. F 30. Pure silvery rose, white base with pale blue ring, faintly flushed paler at tip of inner petals; an exquisite flower of fine form, with sturdy stems; should be in every border or garden. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

***W. Copeland.** E 24. One of the best early forcing varieties; when grown indoors, the color is a beautiful delicate lavender; grown in the border, lilac rose. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

MICHELL'S TULIP COLLECTION PASTEL SHADES

Baron de la Tonnaye
Bronze Queen
Clara Butt
Dream
Fairy Queen

La Fiancee
Matchless
Mrs. Moon
Prince of Orange
Zwanenburg

30 Bulbs,	3 each variety.....	\$1.75 postpaid
60 Bulbs,	6 each variety.....	3.00 postpaid
120 Bulbs,	12 each variety.....	5.50 postpaid
250 Bulbs,	25 each variety.....	11.50 postpaid
500 Bulbs,	50 each variety.....	22.00 by express
1000 Bulbs,	100 each variety.....	42.00 by express

A selection of soft tones and delicate shades that will bloom in May. Just the assortment you have been seeking to plant among perennials or in front of shrubbery.



Border of Zwanenburg Darwin Tulips

4

MICHELL'S SUPERB DARWIN TULIPS (Continued)

Think of the beauty of Pink Darwin Tulips planted with Forget-Me-Nots.

***William Pitt.** E 24. Dark crimson, shaded purple on outer petals; a large and beautiful variety. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

Yellow Giant. E 28. Deep golden yellow; large globular flowers carried on tall stiff stems. Excellent for garden or exhibition, in fact the best moderately priced "Yellow Darwin" today. \$1.75 per doz.; per 100, \$12.00.

Zwanenburg. F 28. A very beautiful flower; color a pure sparkling white, center marked with shining black anthers; the blooms have a spicy fragrance; truly a majestic flower that should be in every collection. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

Darwin Mixed. A well balanced assortment of colors and shades made from many named varieties and contains giant flowering, long stemmed sorts only. 50c. per doz.; per 100, \$3.50; \$32.50 per 1000.

COLOR PLATE COLLECTIONS OF DARWIN TULIPS

Illustrated on Front Cover

6 Bulbs each 5 varieties,	30 bulbs.....	\$1.85 postpaid
12 Bulbs each 5 varieties,	60 bulbs.....	3.50 postpaid
25 Bulbs each 5 varieties,	125 bulbs.....	6.50 postpaid
50 Bulbs each 5 varieties,	250 bulbs.....	12.50 postpaid
100 Bulbs each 5 varieties,	500 bulbs.....	24.00 by express

TULIPA GRULLMANNII

(Chameleon Tulips)

A new type obtained by crossing Darwins with Species Tulips. Similar in habit to Darwins; their remarkable feature, however, is the wonderful coloring and markings, as well as the unusually large size of the flowers. When planted in the garden or forced they will outlast all other tulips and become more attractive as the flower ages.

Grisilde. 26. Inside creamy white, turning primrose yellow towards center, outside white with a faint red spray on center of outer petals, large greenish black base; large oblong shaped flower of great substance on tall erect stem. Will easily last for two weeks after being forced. \$3.00 per doz.; per 100, \$20.00.

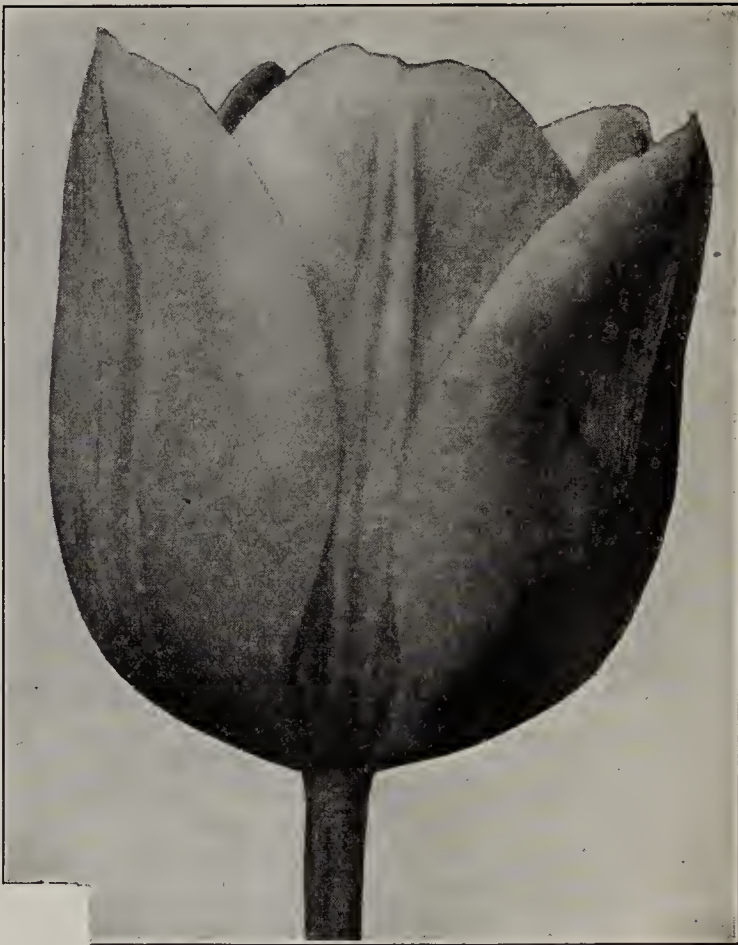
Inga Hume. 24. Inside deep yellow, slightly sprayed red, outside red, with broad, sharply lined yellow edge, large black base; large perfect formed flower on erect stem. Highly recommended for forcing, as it will outlast any other tulip and become more beautiful as it ages. \$3.00 per doz.; per 100, \$20.00.

TESTIMONIAL

East St. Louis, Ill.

Enclosed find order for 1000 Mixed Darwin Tulip bulbs. Your bulbs last year were fine and I had lots of compliments on same.

Thos. Hubert



Darwin Tulip, Orange Perfection

TRIUMPH TULIPS

An entirely new type of great beauty; they are a cross between Single Early and Darwin varieties. Their growth is vigorous, their flowers outstanding; bloom early, or before the Darwins; tall, strong stems. The varieties listed below are excellent for forcing or the garden.

Canada. 20. A beautiful variety, lilac rose, striped white. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

Elizabeth Evers. 21. Very early forcer; color, a beautiful shade of pink; large flower on strong stem. \$3.50 per doz.; per 100, \$25.00.

Fokker. 22. Very early and easy forcer; large blooms; color, bright red, bordered golden yellow. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

Mr. Zimmerman. 22. Soft fuchsia red, fading to white toward the pure white base. \$1.10 per doz.; per 100, \$7.50; \$70.00 per 1000.

Telescopium. 23. Reddish violet, inside violet blue; a large and strong flower. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

15TH NATIONAL FLOWER AND GARDEN SHOW

ROCHESTER, N. Y.

APRIL 14 TO APRIL 22, 1934

A May-flowering type, similar to the Darwins, in their tall, strong growth and flowering at the same time; they produce immense blooms on long, stiff stems and in some instances are larger than the Darwins. Their artistic colors make them great favorites among those who desire to contrast their bronze, terra-cotta and buff shadings with the lighter colored sorts of the Darwins. They make a fine effect in hardy borders, and when used as a cut flower last a long while in water.

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters F and G following the variety indicate their relative time of flowering, the F's being the earliest to bloom. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 25c. per 100 for postage.

Suggestion

As Breeder tulips contain shades that are not to be found in either Darwin or May-flowering or Cottage tulips, a selection made from this list and planted in combination with the types above mentioned will produce a display of color that cannot be duplicated. Give your garden that finished touch by planting Breeder tulips.

Bacchus. F 28. Dark violet blue, base starred white, the nearest approach to dark blue in late tulips; one of the best varieties to plant with bronze or light blue shades. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

***Bronze Queen.** (Clio.) G 28. Soft buff, inside tinged golden bronze. Very choice for forcing or bedding. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

Cardinal Manning. (Goliath.) G 28. Dull wine red, flushed rosy brown, changing to almost orange at edges of petals. Very large egg-shaped flower. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Creation. 24. One of the finest orange and bronze tulips introduced; when in full bloom the flower becomes bright orange with a delicate shade of bronze. A glorious tulip when forced in middle of January. Large flower on tall, strong stem. \$1.50 per doz.; per 100, \$10.00; \$95.00 per 1000.

***Dom Pedro.** G 24. A beautiful coffee brown, shaded maroon, inside rich mahogany; large and an interesting variety, due to its color and delicate fragrance; can be forced. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

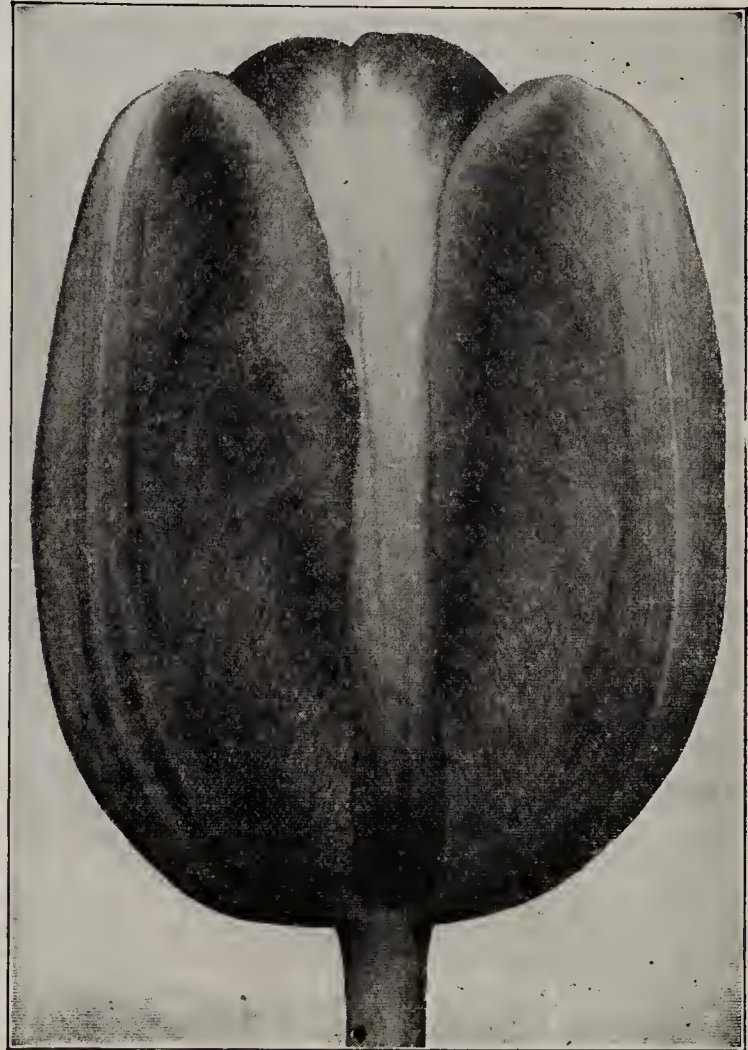
Indian Chief. G 34. A splendid exhibition variety; flowers are enormous, very artistic and carried on long stately stems; color, deep Indian red flushed purple, edged warm brown with age. \$1.85 per doz.; per 100, \$13.50.

Louis XIV. G 28. Dark purple, flushed bronze, with broad margin of golden brown; a unique variety of striking beauty. One of the best Breeders today; enormous flowers; strong stems; a great favorite. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Lucifer. G 24. Reddish orange, olive base, with yellow star. An ideal variety for cutting or bedding. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

Panorama. (Fairy.) F 24. Reddish mahogany with bronze shading; an extra large flower; splendid for border or late forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Informal plantings of Darwin, Breeder and Cottage tulips among shrubs in front of Evergreens or through the herbaceous border are exceedingly effective.



Dutch Breeder Tulip, Pink Pearl

***Pink Pearl.** The finest pink Breeder introduced; large, long shaped flowers; colors, lilac pink, inside rose, snow white base; when grown in greenhouse, color is softer. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

***Prince of Orange.** (Sunset.) G 24. Terra-cotta brown shaded yellow with yellow base, starred black, excellent for forcing or bedding. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

***Yellow Perfection.** (Old Gold.) F 24. Light bronze yellow, edged and shaded golden yellow; a large flower of fine form; can be forced. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

Breeder Tulips Mixed. A choice mixture in a combination of the best colors and shades of this class. Fine for cutting or display. 60c. per doz.; per 100, \$4.00; \$37.50 per 1000.

6 MICHELL'S MAY-FLOWERING OR COTTAGE TULIPS

Cottage Tulips flower late; most of the varieties can therefore be used in contrast with Darwins and magnificent results obtained. Our list contains some of the best sorts of the new late flowering hybrid varieties, which are the result of crossing the Darwins with the Cottage. We recommend the varieties listed for planting in hardy flower borders, in clumps or masses.

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters F, G and H following the variety indicate their relative time of blooming, the F's being the earliest to bloom. The figures indicate the normal height in inches.

Ambrosia. (*New Hybrid.*) F 25. A combination of colors hard to describe; outside color lilac rose, edged apricot, inside color bright orange, changing to tan. An outstanding variety at exhibitions. An added asset is its delightful perfume. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

Argo. F 22. A new hybrid of great beauty. Golden yellow mottled red, passing to reddish brown. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Carrara. F 26. Graceful pure white flowers, which are round, cup shaped and large, with broad petals; excellent for forcing in pans, for middle of March blooms. Holds numerous awards for perfect form, purity and long lasting qualities. \$1.10 per doz.; per 100, \$7.50; \$70.00 per 1000.

Dido. G 30. Large well formed flowers of a deep, rich pink, shaded salmon yellow, with soft orange suffusion at edges of petals. Truly a marvelous variety, which has a sweet fragrance. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

***Fairy Queen.** G 20. Rosy lilac, broadly margined yellow, a unique and lovely color; flowers very large. For a fine effect, plant in combination with John Ruskin. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***Gesneriana Lutea.** H 24. One of the best of the Gesneriana family; perfect shaped flowers of purest golden yellow. Fine for herbaceous borders. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

Gesneriana Spathulata. G 24. A brilliant scarlet with blue-black center; one of the finest late varieties. Excellent when massed against evergreens. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

Grenadier. F 24. A new variety borne on very graceful stems; color, brilliant orange red, very effective. A leading variety for color effect. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

***Inglescombe Pink.** (*Salmon Queen.*) F 24. Soft rosy pink, flushed salmon; large globular flowers; adapted for borders or late forcing. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

***Inglescombe Yellow.** F 20. Greatly resembles the Darwins and is often called the "Yellow Darwin;" flowers are beautifully formed. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

John Ruskin. G 18. Apricot rose with border of pale yellow; large. For a pleasing combination, plant with Fairy Queen. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Leda. G 25. Large oval flowers of excellent form; a most vivid combination of shadings, best described as glowing salmon pink with lighter edges, base light blue and white. Highly recommended for late forcing. \$1.10 per doz.; per 100, \$7.50; \$70.00 per 1000.

Moonlight. H 24. An exquisite shade of light canary yellow; flower long and of fine oval shape. Can be used in combination with Darwin Tulips or with Iris. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

***Mrs. Moon.** H 24. Large golden yellow; reflexed pointed petals; one of the most beautiful varieties and looks well with purple Iris. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

Orange King. G 24. Glistening deep orange, shaded rose, yellow center; sweet scented. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

For a high spot in your color scheme, use Cottage tulip, Grenadier.



May-Flowering or Cottage Tulip

Rosabella. G 26. Unsurpassed for garden or house decoration; when first opening, the flower resembles a rosebud; color, beautiful bright rose, shading to lighter at edge; inside petals shell pink with ivory base; flowers large on strong stems. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

May-Flowering Tulips Mixed. A splendid mixture, covering almost every color and shade. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

COLOR PLATE COLLECTIONS MAY-FLOWERING OR COTTAGE TULIPS ILLUSTRATED ON OPPOSITE PAGE

6 Bulbs each 6 varieties, 36 bulbs	.....\$2.25 postpaid
12 Bulbs each 6 varieties, 72 bulbs	..... 4.25 postpaid
25 Bulbs each 6 varieties, 150 bulbs	..... 8.00 postpaid
50 Bulbs each 6 varieties, 300 bulbs	.....15.00 postpaid

MICHELL'S BULB GROWING GUIDE

A booklet, containing not only the most up-to-date cultural direction in general, but giving a very concise detail as to what use each variety is best put and in addition describing very explicitly almost every bulb offered in this catalog. Free on request.

MICHELL'S MAY FLOWERING TULIPS

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- 1—AMBROSIA
- 2—FAIRY QUEEN
- 3—MRS. MOON
- 4—GRENADIER
- 5—ROSABELLA
- 6—GESNERIANA SPATH.

For description and prices see opposite page

MICHELL'S DOUBLE EARLY TULIPS

The Double Tulips usually flower a few days later than the Single Early varieties. They are very popular for bedding and a number of the varieties are also excellent for forcing.

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A and B following the variety indicate their relative earliness to bloom, the A's being the earliest, followed by the B's. The figures indicate the normal height in inches.

	Doz.	100	1000
* Azalea. B 12. Beautiful deep rose, flushed salmon; excellent for forcing	\$0.80	\$5.50	\$50.00
* Boule de Neige. (<i>Purity.</i>) B 10. Large pure white; resembles a Peony in form; excellent for bedding or forcing .....	.80	5.50	50.00
* Couronne d'Or. (<i>Crown of Gold.</i>) B 12. A handsome rich golden yellow flushed orange; a good bedding sort and splendid for cutting....	.80	5.50	50.00
* Electra. B 12. Rosy violet red; flowers enormous; excellent for exhibition and should be in every collection..	.90	6.00	55.00
Imperator Rubrorum. B 10. Brilliant scarlet; for bedding or forcing.....	.80	5.50	50.00

Marechal Niel. B 12. A splendid new variety; excellent for exhibition, forcing or in the garden; color, distinct soft canary yellow, with soft orange flush; excellent for pans ...	1.50	10.00	95.00
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* Mr. Van der Hoef. (<i>Yellow Murillo.</i>) A 10. Pure golden yellow; a sport of Murillo with its superb qualities and now in great favor; an excellent forcing and bedding variety.....	.80	5.50	50.00
* Murillo. B 10. Delicate rose pink; one of the best forcers; still very popular.....	.75	5.00	45.00
Mystery of India. B 12. Terra cotta and orange, slightly shaded old rose, base soft yellow; a combination of colors hard to describe; a beautiful large, well formed flower on a strong stem .....	.80	5.50	50.00



Tulip, Fantasy



Double Early Tulip, Peach Blossom

* Peach Blossom. B 12. Bright rose pink, flushed white, deepening to carmine rose with age; highly recommended for pots and lasts a long time when cut.....	Doz.	100	1000
	\$0.80	\$5.50	\$50.00

* Tea Rose. B 12. Sulphur, shading to orange; for bedding or forcing75	5.00	45.00
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Toreador. A 10. Reddish-orange with rich yellow border, excellent for bedding and forces well.....	.90	6.00	55.00
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* Tournesol, Red and Yellow. B 8. For forcing and bedding.....	.90	6.00	55.00
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* Vuurbaak. B 12. Brilliant orange scarlet; for forcing or bedding; produces large flowers.....	.75	5.00	45.00
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EARLY DOUBLE MIXED TULIPS

Superfine Quality. A choice mixture of many colors and shades, from named sorts	\$0.60	\$4.00	\$35.00
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PARROT OR DRAGON TULIPS

These belong to the late flowering class and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and in addition to other colors combine shades of green. We recommend that these be planted among shrubs to obtain the best results.

Fantasy. A sport from the Darwin Tulip, Clara Butt. Color, true salmon rose, with ragged edges and fantastically shaped petals; the outer sides of the petals marked apple green; grows tall on stiff upright stems. Has created a sensation at all Flower Shows.	Doz.	100
	\$1.75	\$12.50

Mixed Colors. Carefully blended and contains only the choicest sorts.....	Doz.	100	1000
	\$0.80	\$5.50	\$50.00

MICHELL'S SINGLE EARLY TULIPS

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Single Early Tulips are far more valuable for the garden than is generally accepted, blooming so much earlier than the Darwins and at a time when Daffodils are at their best. Excellent effects can be produced if used in the border; they are at their best when the early is in bloom. They are the earliest of all Tulips to bloom when forced.

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A, B and C following the variety indicate their relative earliness to bloom, the A's being the earliest, followed by the B's and later by the C's. The figures indicate the normal height in inches.

	Doz.	100	1000
*Albion. (White Hawk.) A 12. Large globe-shaped pure white flowers; excellent early forcer and bedder.....	\$0.80	\$5.50	\$50.00
*Belle Alliance. B 8. One of the most popular scarlet varieties; very fine for forcing, also for bedding. ....	.75	5.00	45.00
*Brilliant Star. A 12. Vermilion scarlet; very large flower; highly recommended for early forcing; one of the earliest to bloom indoors.....	.75	5.00	45.00
*Chrysolora. B 10. Golden yellow; a splendid bedding variety. ....	.80	5.50	50.00
*Couleur de Cardinal. C 10. Bright scarlet, a very attractive variety; fine for late forcing or bedding.....	.75	5.00	45.00
*Cramoise Brilliant. C 10. Glowing scarlet with yellow base; flowers large; good for forcing or bedding.....	.60	4.00	35.00
*DeWet. (Fireglow.) B 16. Beautiful golden yellow, flushed and stippled fiery orange. This new variety is outstanding as a forcing variety; a clump planting in your garden will produce a blaze of color of sweet scented blooms that cannot be forgotten.....	.80	5.50	50.00

Diadem. A 16. A new and very beautiful variety; an excellent early forcer, splendid for pots; opens soft pale old rose, changing to salmon pink, shaded pale rose as the flower ages. Destined to become exceedingly popular.....	1.50	10.00	95.00
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*Flamingo. B 12. Carmine rose, shaded lighter, with white stripe in center of petals, which are more or less crinkled.....	.70	4.50	40.00
*Fred Moore. B 12. Bright orange; sweet scented; fine for forcing; keep well watered.....	.70	4.50	40.00

*Ibis. B 12. Bright carmine pink; a magnificent flower; excellent for forcing or bedding.....	.75	5.00	45.00
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*Keizerkroon. (Grand Duc.) B 15. Brilliant red, gold border; extra large flowers on long stems; still a great favorite; good forcer.....	.80	5.50	50.00
*Lady Boreel. (Joost Van Vondel White.) B 12. Large pure white; fine for bedding and choice for pots or pans. ....	.80	5.50	50.00
*Pink Beauty. B 12. Bright cherry rose, center of petals striped white; excellent bedder; does well in pans, but not before March.....	.90	6.00	55.00
*Prince of Austria. B 12. Large sweet scented flowers on tall stems; color rich orange scarlet, shading to brick red as it ages; easy to force and a fine bedder.....	.75	5.00	45.00
*Prosperity. B 9. Delicate rosy pink; excellent for forcing.....	.70	4.50	40.00



Single Early Tulip, Rising Sun

	Doz.	100	1000
*Rising Sun. B 15. Rich golden yellow; produces giant flowers on tall, strong stems; truly a sensational variety, excelling all yellow varieties for forcing or bedding.....	\$0.75	\$5.00	\$45.00

*Rose Luisante. C 10. Deep rose pink; flowers large; excellent for forcing or bedding.....	.75	5.00	45.00
*Vermilion Brilliant. B 10. Brilliant vermilion scarlet; very large flower; very early forcer...	.70	4.50	40.00
*Yellow Prince. B 10. Golden yellow; fine for either bedding or forcing.....	.75	5.00	45.00

Single Early Tulips in Mixture

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.

	Doz.	100	1000
Superfine Quality. A splendid mixture of many colors and shades.....	\$0.60	\$3.75	\$32.50

See page 3 for Collection of Tulips in pastel shades.

In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool and dry place.

MICHELL'S SUPERB TULIP BULBS

The letters F and G following the variety indicate their relative time of flowering, the F's being the earliest to bloom. The figures indicate the normal height in inches.



Botanical Tulip, Clusiana

BOTANICAL OR SPECIES TULIPS

These Tulips are particularly adapted for rock gardens or in borders; they show their bright colors early in the season and have graceful recurving petals. For the most striking effects, plant in masses or clumps.

	Doz.	100	1000
Clusiana. (<i>Lady or Candystick Tulip.</i>) Outer petals cherry red, inner petals creamy white with violet base; very choice for massing in front of evergreens; height, 8 in.	\$1.00	\$7.00	\$65.00
Eichleri. Immense crimson scarlet, shaded orange with black center marked with gold; height, 11 in. ....	.90	6.00	55.00
Greigi. Flowers very large; color, brilliant orange scarlet, with yellow and black center; blooms late in April or early May; foliage spotted purple, very odd; should be planted in a hot, dry location; height, 10 in.	3.00	20.00	
Kaufmanniana. One of the earliest varieties, blooming early in April; colors, creamy white tinged carmine; wonderful effects may be had if planted under trees or naturalized in shady places; height, 5 to 7 inches	1.00	6.50	60.00
Marjoletti. Soft primrose, shaded carmine red at base; blooms early in April; height, 12 in.	1.00	6.50	60.00
Sylvestris. (<i>Florentina Odorato.</i>) A handsome yellow variety, sweet scented; often has two flowers to a stem; 7 in. ....	.90	6.00	55.00

Six or twelve bulbs of each variety of Botanical tulips set closely together in any one spot produce the best effect.

Botanical tulip, Sylvestris and Grape Hyacinth, Heavenly Blue interplanted increase rapidly when established and tone up the rockery or border.

LILY FLOWERING TULIPS

A type of tulip now very popular; the varieties, some of which were previously listed among the Cottage tulips, were obtained by crossing Darwins with Retroflexa tulips. They bloom at the same time as Breeders, Cottage and Darwins; their long recurved petals give them a lily-like appearance. This class is fine for the garden or rockery.

	Doz.	100	1000
Alaska. G 28. A beautiful new hybrid tulip; long flowers, outer petals reflexing slightly; color pure golden yellow.	\$1.10	\$7.50	\$70.00
Artemis. G 30. A long stemmed variety; elegantly reflexed petals; color, carmine rose with pure white base. ....	.90	6.00	55.00
Picotee. (<i>Maiden's Blush.</i>) G 20. White with distinct-pink edged border, which suffuses the flower as it ages. ....	.70	4.50	40.00
Sirene. F 20. Beautiful cerise pink, margined pale pink with white base; a fine forcer. ....	.75	5.00	45.00

Your rock garden should contain an assortment of bulbs especially selected for that purpose. See page 1 of this catalog for a complete list.



Bunch Flowered Tulip, Monsieur Mottet

BUNCH FLOWERED TULIPS

Monsieur Mottet. A new and interesting type which has created a sensation at all Flower Shows. It produces four to six flowers on a stem, all in bloom at the same time. Color, white faintly flushed shell-pink as the flower ages. It is an excellent cut flower and should be in every garden. Height, 24 inches.

90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

THE BOOK OF BULBS

By F. F. Rockwell

Order a copy when you send for bulbs. It will give you just the information you need to get the utmost in return for your investment in bulbs. 264 pages; 187 illustrations; cloth. Price, \$2.00.

MICHELL'S SUPERB NAMED HYACINTHS ⁹

Our Hyacinth bulbs are of best quality, grown by specialists especially for us. The bulbs are of maximum sizes, fully aged.

CULTURAL DIRECTIONS FOR HYACINTHS.—Outdoor Culture. Plant in October and November in good, well-drained garden soil. Plant bulbs so that the top will be 3 or 4 inches below the surface and 6 to 8 inches apart. After the ground has frozen, cover with litter, leaves or manure, to protect them from frost; this should be removed in the Spring when danger from hard frost is past.

Pot Culture.—Plant any time from September to December, using a 4 or 5 inch pot for single bulbs, or several bulbs may be planted in a larger pot or bulb pan. After planting, water well and place in a cool, dark, airy place until well rooted, after which remove to a cool room and later to a warmer room.

Culture in Glasses.—The single varieties are the best. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and place the glasses in a cool, dark place. Change the water occasionally. Keep in the dark until well rooted and then remove to a light, cool place.,

For complete cultural notes, see "Michell's Bulb Growing Guide," sent free on request.



Single Hyacinth, L'Innocence

MICHELL'S COLLECTION OF SINGLE NAMED HYACINTHS

Ideal Collection. First Size bulbs; for pots, or for growing in water. 1 each, 12 varieties, \$1.75 (by P. P., \$1.90).

Window Garden Collection. Second Size bulbs; for growing in pots or in water. 1 each, 12 varieties, \$1.35 (by P. P., \$1.45).

Bedding Collection. Third Size bulbs; excellent also for pots. 1 each, 12 varieties, \$1.00 (by P. P., \$1.10).

As there is a slight variation as to time of blooming of the various sorts we have indicated their relative time of flowering by letters following the variety, the A's being the earliest, the D's the latest.

If Hyacinth bulbs are wanted by Parcel Post, please add for postage as follows: on Mammoth or Exhibition and First Size, 15c. per doz.; on Second Size, 10c. per doz.; 30c. per 100.

The Mammoth or Exhibition Size bulbs are the largest or top root bulbs and will produce extra large, well filled spikes.

First Size Bulbs are especially desirable for growing in pots or glasses or for high grade bedding.

Second Size bulbs are desirable for bedding or for forcing in pots or pans.

SINGLE BLUE SHADES

Grand Maitre. B. Deep porcelain blue; large bells and very long, well filled truss.

King of the Blues. D. Deep dark blue; a fine compact truss; an excellent variety for late forcing and for bedding.

Perle Brilliante. B. Light blue; large bells on a finely formed spike.

Queen of the Blues. D. Clear silvery or light porcelain blue; excellent for bedding or exhibition; bells are medium and are thickly set on a strong stem.

SINGLE PINK AND ROSE SHADES

Gertrude. A. Deep rose pink; excellent for forcing and bedding; a large well filled truss.

Lady Derby. A. Clear rose pink; an excellent forcer and very fine for bedding, due to its strong stem.

Marconi. B. Rich rose pink, center flushed white; excellent for forcing and an outstanding variety for bedding; spike compact and of fine form; stems very sturdy.

Queen of the Pinks. C. Bright rose pink; large spike and good sized bells, on a sturdy stem. The ideal variety for late forcing and also excellent for bedding.

SINGLE SCARLET SHADES

La Victoire. A. Brilliant scarlet; one of the finest red varieties, maintaining its color and unsurpassed for bedding or forcing; should be in every collection.

Roi des Belges. A. Deep scarlet; sturdy spike and large bells.

SINGLE WHITE SHADES

La Grandesse. C. Pure white, waxy bells; the perfect spike is full and long. This variety is excellent for late forcing and bedding.

L'Innocence. A. Pure white; excellent forcer and very choice for bedding; extra fine truss with large bells.

SINGLE YELLOW AND ORANGE SHADES

City of Haarlem. C. Pure golden yellow; bells well formed on good spike; valuable for exhibition purposes and excellent in the garden.

King of the Yellows. C. A fine spike of perfect form, producing orange yellow bells, heavily set on the stem.

Yellow Hammer. A. An excellent variety for pot culture; produces a compact spike, set with creamy yellow bells.

PRICES OF ABOVE

	Each	Doz.	100
Mammoth Bulbs (Exhibition Size)	\$0.25	\$2.25	\$15.00
First Size Bulbs	.20	1.75	12.00
Second Size Bulbs	(3 for 40c.)	1.35	9.50

MICHELL'S SUPERB HYACINTHS

SINGLE THIRD SIZE HYACINTHS

A moderately priced bulb of good quality and size, and especially suited for bedding purposes.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

City of Haarlem. C. Golden yellow....	Doz.	100	
Gertrude. A. Deep rose.....			
Grand Maitre. B. Bright porcelain blue..			
King of the Blues. D. Deep blue.....			
Lady Derby. A. Delicate pink.....			
La Grandesse. C. Pure white.....	3 for		
La Victoire. A. Bright scarlet.....	30c.	\$1.00	\$7.50
L'Innocence. A. Pure white.....			
Marconi. B. Rich rose-pink, center flushed white.....			
Perle Brillante. B. Pale blue.....			
Queen of the Blues. D. Silvery blue...			
Queen of the Pinks. C. Rose pink....			
Roi des Belges. A. Deep red.....			

MINIATURE OR DUTCH ROMAN HYACINTHS

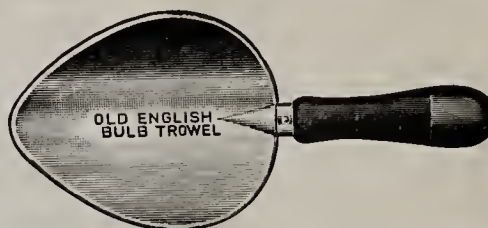
Excellent for growing in pans, boxes or pots, blooming early and freely. Also fine for outdoor planting.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

Gertrude. B. Deep pink.....	Doz.	100	
Grand Maitre. B. Bright blue.....			
King of the Blues. D. Deep blue.....			
Lady Derby. A. Delicate pink.....			
La Grandesse. C. Pure white.....			
La Victoire. A. Beautiful bright scarlet..	3 for		
L'Innocence. A. Pure white.....	25c.	\$0.80	\$5.50
Marconi. B. Rich rose pink, center flushed white.....			
Queen of the Blues. D. Silvery blue...			
Queen of the Pinks. C. Rose pink....			
Roi des Belges. A. Deep red.....			
Yellow Hammer. A. Pure yellow.....			



Miniature or Dutch Roman Hyacinths



Old English Bulb Trowel

Width, 4 3/4 inches.
Price, \$1.00 (by P. P., \$1.10).

SPECIAL NOTE

We call the attention of our customers to the fact that bulbs of Miniature or Dutch Roman Hyacinths we offer are of large size; therefore, please do not compare our prices with those that may be offered in smaller sizes and at lower prices.



Belgian Style



Tye or Low Pattern

HYACINTH GLASSES

(Not Mailable)

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.

Belgian. In assorted colors. 35c. each; doz., \$3.50.

Tye or Low Pattern. Heavier than the above style. 35c. each; doz., \$3.50.

NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS AT DISTANCES NOTED BELOW

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

Diam. of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
2 feet	61	37	19	....	...	...
3 "	127	95	37	....	...	...
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4187	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590



Michell's White Roman Hyacinths

FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early Winter until late in Spring if planted in succession. They are very fragrant.

Easily grown in pots or pans; if bulbs are potted in September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large for six bulbs. They are not hardy and are not suitable for outdoor planting.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

	Doz.	100
White. Extra select, size 12-15 ctm. (3 for 30c.)	\$1.00	\$7.00
" Mammoth, 13-15 ctm. (3 for 35c.)	1.25	9.00
" Monster, 14-15 ctm. (3 for 50c.)	1.75	12.50
Light Blue (3 for 30c.)	1.00	7.00
Light Pink (3 for 30c.)	1.00	7.00

MICHELL'S PREPARED BULB FIBRE

The ideal material in which to grow bulbs, such as Roman Hyacinths, Dutch Hyacinths, Narcissus, Tulips, etc., using vases, crocks, or other receptacles, without drainage. The advantage of this system is that the vases can be placed anywhere about the house, in the drawing room, or dining room, without any fear of water or soil coming through the base of the pots. The bulbs are potted the same way as in ordinary soil, after which they require little attention, except to keep the material moist.

Price, 15c. per qt.; 4 qts., 45c.; 75c. per peck; ½ bu., \$1.25; \$2.00 per bu.

BLUE ROMAN HYACINTH "VIRGINIA"

This Blue Roman Hyacinth, which has been successfully grown for the last few years, comes from France. It is a cross between the Dutch Hyacinth, Captain Boynton, which is one of the finest of porcelain blues, and one of the strongest growers, and the White French Hyacinth, from which it receives its daintiness and earliness of bloom. Virginia has much larger bells and the stem is longer than the White Roman. It will produce two or three perfect flower spikes to the bulb; these do not appear together, but are successive in their bloom, thereby supplying flowers from the same planting over a long period of time.

Virginia will bloom for Christmas, coming at a time when flowers are scarcest in the greenhouses. If not required at that time, it may be grown cool and flowered when wanted. It is impossible to describe or say too much about this Hyacinth. We feel it is really one of the finest introductions in recent years.

	Doz.	100
Mammoth Bulbs.....	\$1.90	\$13.50
Monster Bulbs.....	2.75	18.50

TESTIMONIAL

Oberlin, Ohio.

The Hyacinths I got of you last Fall were perfectly magnificent this Spring. I hope to get more this Fall.

Mrs. W. B. Gerrish.

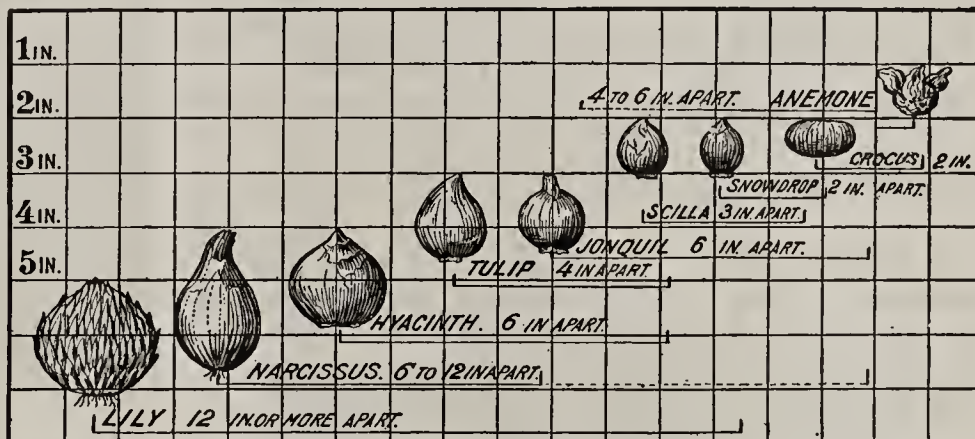


Diagram showing at what depth and distance apart certain bulbs should be planted.

MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS

	Qt.	4 qts.	Pk.	Bu.	Bbl.
Charcoal (Lump).....	\$0.10	\$0.35	\$0.65	\$1.50	\$2.00
Leaf Mould.....	.10	.30	.45	1.25	3.00
Pearl Chips. White or colored.					
Per 1 lb. pkg., 20c.; 6 pkgs., \$1.10.					
White, 5 lbs., 75c.; \$1.25 per 10 lbs.					
Colored, 5 lbs., 85c.; \$1.50 per 10 lbs.					
Pebbles.....	.10	.40	.75	2.50	5.00
Potting Sand.....	.10	.25	.40	1.40	3.00
Prepared Potting Soil.....	.10	.25	.40	1.50	3.25
			Each	Doz.	100
6-inch Bulb Pans.....	\$0.12		\$1.20	\$8.10	
7-inch Bulb Pans.....	.20		2.00	13.50	
4-inch Pots.....	.07		.50	3.00	
Hyacinth Glasses.....	.35		3.50		

AMERICAN GROWN

No garden is complete without the Narcissus or Daffodil, it being among the most beautiful and fragrant of our hardy Spring flowering bulbs, doing well in almost all soils and situations, for naturalizing, planting among shrubbery and in formal beds. For house or greenhouse culture they are equally desirable, planted in pots or pans.

Culture.—Owing to the various sizes of the bulbs of different varieties, we cannot advisably give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house culture 3 or 4 bulbs can be put in a 5-inch or 6-inch pan or pot and given the same treatment as Hyacinths.

The figures prefixed before the variety denote the height. The letters following the varieties indicate their relative time of flowering, the B's being the earliest to bloom, the C's the latest.

If Narcissus bulbs are wanted by Parcel Post, add 30c. per 100 for postage.

NOTE.—Monster bulbs will be supplied in all varieties, except where noted.

GIANT TRUMPET VARIETIES

This class of Narcissus is distinguished for long petals or perianth and very large trumpets and is the showiest of all Narcissus, also one of the most useful.

- 18 **Bicolor Victoria.** C. Trumpet golden yellow, perianth creamy white; early.

	Doz.	100	1000
First Size Bulbs.....	(3 for 30c.)	\$1.00	\$7.00 \$62.50
Monster Bulbs.....	(3 for 50c.)	1.50	10.00 92.50

- 18 **Bulbocodium Conspicuous** (*Hoop Petticoat*). C. Golden yellow. 20c. each; doz., \$2.00; \$12.50 per 100.

- 18 **Emperor.** C. One of the best Narcissus in cultivation, for either outdoor or indoor culture. Pale yellow trumpet, primrose perianth.

	Doz.	100	1000
First Size Bulbs.....	(3 for 25c.)	\$0.90	\$6.00 \$52.50
Monster Bulbs.....	(3 for 35c.)	1.25	8.00 72.50

- 18 **Empress.** C. Perianth is pure white and the trumpet golden yellow, making the flower extremely attractive.

	Doz.	100	1000
First Size Bulbs.....	(3 for 30c.)	\$1.00	\$7.00 \$62.50
Monster Bulbs.....	(3 for 50c.)	1.50	10.00 92.50

- 15 **Giant Princeps.** B. Extensively used for naturalizing; very early; perianth sulphur white, trumpet rich yellow. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.

- 18 **Glory of Sassenheim.** B. Beautiful large bicolor; perianth white, trumpet golden yellow; very early forcer. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

- 18 **Golden Spur.** B. Unusually good for garden culture or forcing; very early and blooms freely; pure golden yellow.

	Doz.	100	1000
First Size Bulbs.....	(3 for 25c.)	\$0.90	\$6.00 \$52.50
Monster Bulbs.....	(3 for 35c.)	1.25	8.00 72.50

- 20 **Herbert Smith.** C. Sharply pointed, light yellow perianth, long fluted yellow trumpet of noble form; a sturdy plant. 25c. each; doz., \$2.25; \$15.00 per 100.

- 18 **King Alfred.** B. Intense golden yellow; trumpet large and open with a deep frilled edge.

	Doz.	100	1000
First Size Bulbs.....	(3 for 50c.)	\$1.50	\$10.00 \$92.50
Monster Bulbs.....	(25c. each)	2.25	15.00

- 21 **Mrs. E. H. Krelage.** B. Often referred to as the "White King Alfred." This is one of the finest pure white trumpet varieties; very free flowering and a splendid exhibition variety. 30c. each; doz., \$2.75; \$17.50 per 100.

- 20 **Olympia.** B. Flowers large; both trumpet and perianth yellow; fine for forcing. 25c. each; doz., \$2.25; \$15.00 per 100.

- 20 **Robert Sydenham.** An outstanding, heavily frilled and giant flowering variety; trumpet golden yellow, perianth soft sulphur yellow; free flowering and an early forcing type. 25c. each; doz., \$2.25; \$15.00 per 100.

- 16 **Spring Glory.** B. An extra fine variety; pure white perianth, with a golden yellow trumpet; very early and free flowering. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

You are offered the best quality plus Michell's reliability.



Narcissus, Van Waveren's Giant

- 17 **Tresserve.** B. Large yellow trumpet, pale yellow perianth. 25c. each; doz., \$2.25; \$15.00 per 100.

- 16 **Van Waveren's Giant.** B. Perianth soft primrose yellow, with large bright yellow trumpet; one of the best in the giant class; excellent for forcing in pots or for the garden.

	Each	Doz.	100
First Size Bulbs.....	\$0.20	\$2.00	\$12.50
Monster Bulbs.....	.30	2.75	17.50

Narcissus, W. P. Milner is a dainty subject for pans or ornamental bowls.

Picture a bed of Olympia Narcissus widely planted and spaces filled with light blue pansies.

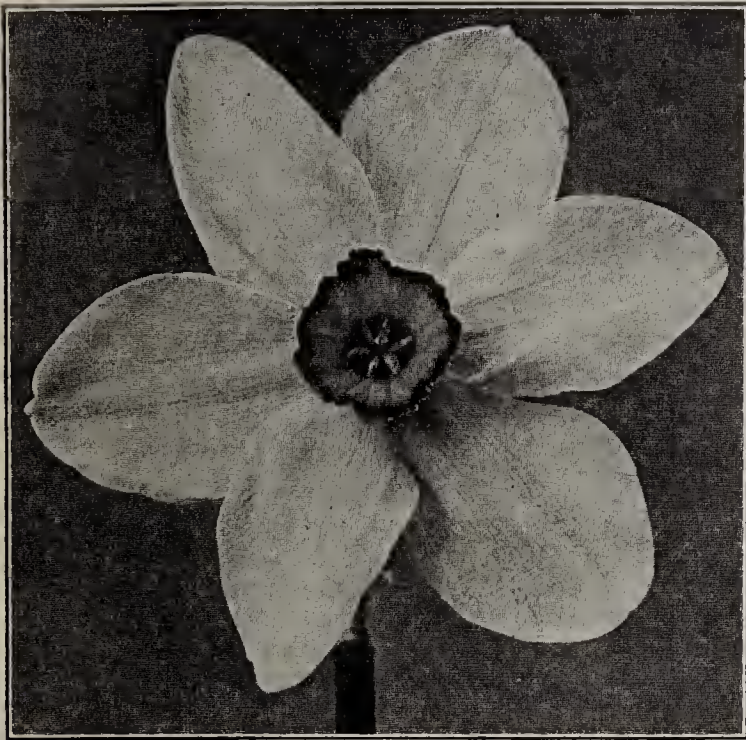
Try Narcissus, Robert Sydenham, planted on the north side of a small pond's edge; the huge flowers will face the water and their reflection will create a superb view from the south side.

Narcissus, Van Waveren's Giant and Single Early Tulip, Brilliant Star, planted together produce a color effect that is lingering.

The figures prefixed to the variety denote the height.

NOTE.—Monster bulbs will be supplied in all varieties, except where noted.

NARCISSUS FOR THE ROCK GARDEN



Narcissus, Bath's Flame

MEDIUM TRUMPET NARCISSUS

These are also a popular type of the Narcissus or Daffodil family. Splendid for garden culture, also for growing indoors in pots or pans, or in flats for cut flowers.

- 20 **Barrii Conspicuus**. C. Broad, spreading perianth of pale yellow, darker yellow cup, edged scarlet; excellent for cutting. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- 20 **Barrii Bath's Flame**. C. Deep yellow perianth, with deeply edged orange red trumpet; extra long petals give the flower a distinctive touch. For best results plant in a partially shaded location. 3 for 50c.; doz., \$1.50; \$10.00 per 100; per 1000, \$92.50.
- 18 **Barrii Red Chief**. C. White with large, bold flat cup and broad edge of crimson scarlet. A beautiful exhibition variety. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- 20 **Incomparabilis Bernardino**. C. Creamy white perianth, cup pale lemon yellow, flushed pinkish apricot. 3 for 30c.; \$1.10 per doz.; per 100, \$7.50; \$67.50 per 1000.
- 20 **Incomparabilis Croesus**. A plant with two or three flowers unfolded is a sensation to behold and a real treasure in your garden. A new variety that is truly different in every respect; perianth is primrose yellow, with thick overlapping petals; an unusually large and widely expanded crown of deep orange red completes this gorgeous picture. Here is a novelty that you have been awaiting. 30c. each; doz., \$2.75; \$17.50 per 100.
- 18 **Incomparabilis Lucifer**. C. A very showy variety; perianth white, trumpet orange scarlet. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- 20 **Leedsii, Crystal Queen**. A new and beautiful introduction and a consistent prize winner at all Flower Shows. A giant in this class; it faces forward, even slightly upwards when in full bloom; flowers are normally 3 1/2 inches across and produced on long stems; perianth is pure white, cup is large and pale primrose yellow, which passes to clear white afterwards. 15c. each; doz., \$1.35; \$9.00 per 100; per 1000, \$82.50.
- 12 **Leedsii, White Lady**. C. White perianth, canary yellow cup. 3 for 25c.; 75c. per doz.; per 100, \$5.00; \$42.50 per 1000.
- 15 **Sir Watkin (Giant Chalice Flower)**. C. The flower is probably the largest in its class; for moderate forcing as well as bedding on a large scale; perianth sulphur yellow, cup tinged with orange; very early. 15c. each; doz., \$1.35; \$9.00 per 100; per 1000, \$82.50.

- 8 **Angels Tears (Triandrus Albus)**. C. Creamy white trumpet which points down, while the sharply recurved petals point upwards; flowers are very dainty; prefers a gritty soil between rocks. 25c. each; doz., \$2.50; \$16.00 per 100.
- 8 **Bulbocodium Conspicuus (Hoop Petticoat)**. B. A gem for the rockery; its petite daintiness plus its rich, golden yellow flowers will command your attention, as it is one of the very earliest heralds of Spring, usually blooming the middle of March. Prefers deep sheltered pockets filled with a sandy and peaty soil. 20c. each; doz., \$2.00; \$12.50 per 100.
- 12 **W. P. Milner**. C. Miniature sulphur white trumpet and perianth; very satisfactory for rockeries; exceedingly attractive when forced in small bowls. Very free flowering and endowed with the fragrance of the cowslip. 30c. each; doz., \$2.75; \$17.50 per 100.
- 15 **Thalia (Orchid Flowered Narcissus)**. C. A sensation at all recent Flower Shows. Produces 3 or 4 blooms on a sturdy stem; color is a gorgeous white and flowers are so arranged as to remind one of orchids; an excellent variety for February forcing; truly a variety that is different. 35c. each; doz., \$3.50; \$25.00 per 100.

JONQUILS

- 18 **Campernelle Regulosus**. Large rich yellow flowers, borne very freely; very effective in deep pockets near the base of rockeries; very fragrant. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- 20 **Golden Sceptre**. Large golden yellow blooms, trumpet shape; very fragrant and excellent for forcing. 3 for 35c.; \$1.25 per doz.; per 100, \$8.00; \$72.50 per 1000.
- 12 **Single**. Rich yellow; very fragrant; free flowering and fine for cutting. 3 for 25c.; 75c. per doz.; per 100, \$5.00; \$42.50 per 1000.
- 12 **Double**. Flowers very double; deep golden yellow; not quite as fragrant as the single but of very graceful form. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.

NARCISSUS TRIANDRUS

These are the Cyclamen flowered Daffodil, with reflexing perianth; the flowers are more or less drooping and of elegant form.

Angels Tears (Triandrus Albus).

Thalia (Orchid Flowered Narcissus).

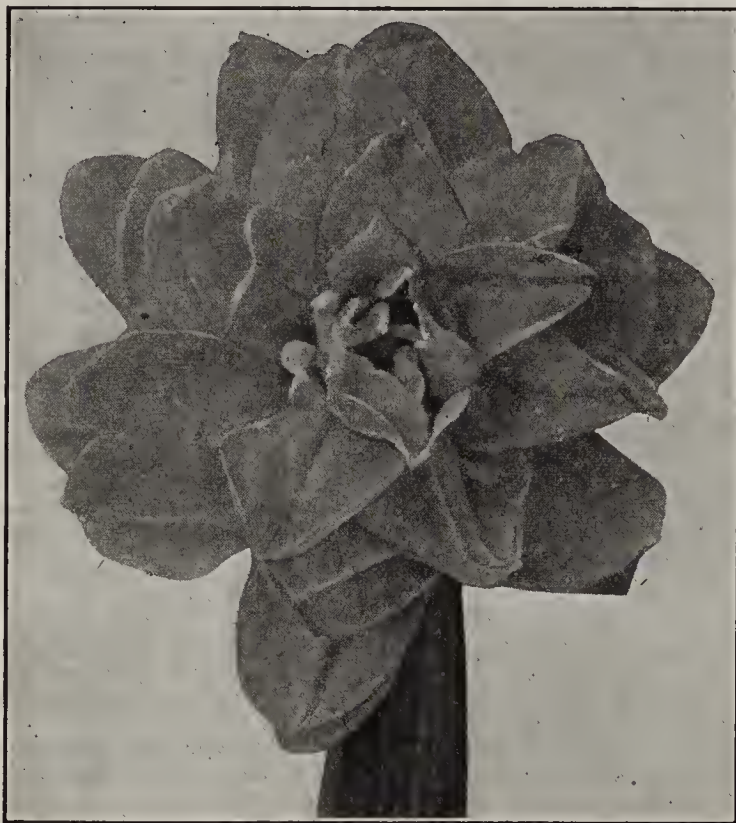
For description and prices, see above under Narcissus for the Rock Garden.



Narcissus, Croesus

The figures prefixed before the variety denote the height. The letters following the varieties indicate their relative time of flowering, the A's being the earliest to bloom, the C's the latest.

If Narcissus Bulbs are wanted by Parcel Post, add 30c. per 100 for postage.



Double Narcissus, Primrose Phoenix

NOTE — Monster Bulbs will be supplied in all varieties, except where specified.

DOUBLE NARCISSUS

These are perfectly hardy, very popular and well adapted to outdoor planting. Most of the varieties are also excellent for house and conservatory growing in pots or pans.

Alba Plena Odorata (*Gardenia Flowered*). A. A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils and is not desirable for forcing; height about 15 inches. 3 for 30c.; doz., \$1.00; \$7.00 per 100; per 1000, \$62.50.

Orange Phoenix (*Eggs and Bacon*). C. Light yellow, almost white, with an orange yellow center. Splendid for pot culture. Height, 16 inches. 3 for 30c.; doz., \$1.00; \$7.00 per 100; per 1000, \$62.50.

Primrose Phoenix. C. Large rose shaped flowers on long stems; color, primrose yellow; a great improvement over Von Sion and growing more in favor each season. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

Von Sion (*Telamonius Plenus*). C. The true double daffodil. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal.

First Size Bulbs. 3 for 30c.; \$1.00 per doz.; per 100, \$7.00; \$62.50 per 1000.

Monster Bulbs. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

IMPORTANT NOTICE

In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool and dry place.

HARDY NARCISSUS IN MIXTURE

For Massing or Cut Flowers.

An excellent blending of varieties suitable for naturalizing or other mass plantings; can be used in borders, fields, woods and in fact anywhere, producing a wide range of color and variety of bloom. A clump of these planted in a corner of your garden will produce a fine lot of flowers for table or house decoration. We offer extra large size bulbs only, which can be depended upon the first season. 3 for 25c.; 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.

SWEET SCENTED JONQUILS

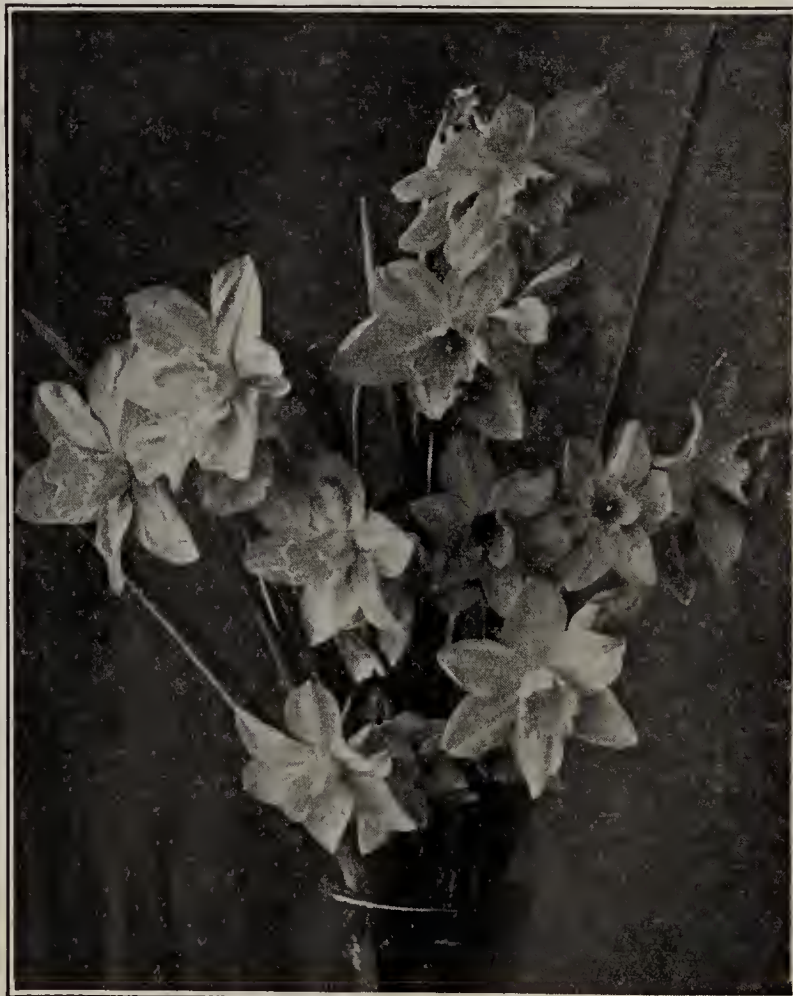
Much prized for their fragrant flowers; perfectly hardy in gardens or naturalized; excellent for rock gardens; also well adapted to indoor culture in pots or pans.

18 Campernelle Rugulosus. Large rich yellow flowers, borne very freely; very effective in deep pockets near the base of rockeries. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.

20 Golden Sceptre. Large golden yellow blooms, trumpet shape; very fragrant and excellent for forcing. 3 for 35c.; \$1.25 per doz.; per 100, \$8.00; \$72.50 per 1000.

12 Single. Rich yellow; very fragrant; free flowering and fine for cutting. 3 for 25c.; 75c. per doz.; per 100, \$5.00; \$42.50 per 1000.

12 Double. Flowers very double, deep golden yellow; not quite as fragrant as the single, but of very graceful form. 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.



Jonquils, Campernelle Rugulosus

The letters following the varieties indicate their relative time of flowering, the A's being the earliest to bloom, the C's the latest.

If Narcissus Bulbs are wanted by Parcel Post, add 30c. per 100 for postage.



Poetaz Narcissus, Laurens Koster

NARCISSUS POETAZ CLUSTER FLOWERED NARCISSUS

This type is a cross between the old Poeticus and Polyanthus varieties; they are hardy, free-flowering and fragrant. Excellent for house culture as well as for the garden border.

Cheerfulness. C. An excellent double flowering type, a real double white with a faint suggestion of pale yellow at base, medium to late forcing flower, a little later than Laurens Koster. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$92.50 per 1000.

Helios. C. Creamy yellow, pure yellow cups; very free flowering and an excellent cut flower; it is early and has strong stems, with 5 to 8 large florets. This variety is a great favorite wherever grown. 3 for 30c.; \$1.00 per doz.; per 100, \$7.00; \$62.50 per 1000.

Laurens Koster. B. Flowers large; perianth pure white, with deep orange yellow cup; frequently 4 or 5 flowers are produced on a stem. Large bulbs, 3 for 25c.; 75c. per doz.; per 100, \$5.00; \$42.50 per 1000.

Orange Cup. C. Creamy white, conspicuous orange cups, a most exquisite color combination, which deserves a prominent spot in your garden; 6 to 8 florets are usually produced on a stem and two stems per bulb. 3 for 30c.; \$1.00 per doz.; per 100, \$7.00; \$62.50 per 1000.

Soleil Brilliant. A. A perfectly hardy form of Soleil d'Or; bright yellow petals, deep orange cups; from 8 to 15 flowers are produced on a stem. Excellent for growing in pans for Easter or earlier blooming and a choice acquisition for your garden. 3 for 30c.; \$1.10 per doz.; per 100, \$7.50; \$67.50 per 1000.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.

NOTE.—Monster bulbs will be supplied in all varieties, except where specified.

NARCISSUS POETICUS

POET'S OR PHEASANT EYE NARCISSUS

This is the old favorite type; excellent in the open border or naturalized in grass; perfectly hardy and once planted take care of themselves. Can also be grown indoors in pots or pans with excellent results.

Poeticus, Horace. One of the best in the new Poet's type; perianth is pure white and of large size; a very conspicuous red eye; free flowering and strong stemmed. 3 for 30c.; \$1.10 per doz.; per 100, \$7.50; \$67.50 per 1000.

Poeticus Ornatus. C. A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; flowers pure white, saffron cup margined scarlet; valuable for forcing and cutting. Mammoth bulbs, 3 for 25c.; 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.

SPECIAL NOTICE

When comparing prices, please bear in mind that bulbs such as ours are produced under careful supervision of expert growers; only select quality, large size and the most up-to-date packing methods are employed. Forty years of successful distribution and service is your guarantee.

See page 13 for list of Narcissus Bulbs most suitable for the rock garden.

TESTIMONIAL

Received my bulbs in fine condition. Am greatly pleased with them. I never dreamed of such large Narcissus bulbs.
Red Lion, Pa.
Mrs. M. J. Gable.



Poeticus Narcissus, Horace

If Narcissus Bulbs are wanted by Parcel Post, add 30c. per 100 for postage

You are offered the best quality, plus Michell's reliability.



Paper White Grandiflora Narcissus Growing in Water

POLYANTHUS NARCISSUS BUNCH FLOWERING

This class of Narcissus is suitable for indoor planting only, excepting south of the Carolinas. We list the three best varieties of this type; these are grown especially for us and the bulbs we have been supplying have been giving the best results. These bulbs can be grown in pebbles and water or soil; they can be had in bloom from Thanksgiving to Easter. Store your bulbs in a cool, dry place when received and for a succession of bloom, plant at intervals of about two weeks from October 1st to March 1st.

The flowers are produced in clusters and are delightfully fragrant.

MICHELL'S BIG BLOOM PAPER WHITE

This is a pure white flowering sort, used extensively for forcing, as it can be brought into bloom in 8 weeks' time. Easily grown in pebbles and water.

	Doz.	100	1000
Mammoth Bulbs	\$0.60	\$4.00	\$35.00
Monster Bulbs .....	.75	5.00	45.00
Jumbo Bulbs	1.00	7.00	65.00

THE BOOK OF BULBS

By F. F. Rockwell

Order a copy when you send for bulbs. It will give you just the information you need to get the utmost in return for your investment in bulbs. 264 pages; 187 illustrations; cloth. Price, \$2.00.

GRAND SOLEIL D'OR

Often called "Yellow Paper White." Rich yellow, with deep red cup. For cutting this is a fine variety.

	Each	Doz.	100
Mammoth Bulbs	\$0.20	\$1.75	\$12.00
Monster Bulbs .....	.25	2.25	15.00

GOLDEN CHINESE LILY

Clusters of rich yellow flowers, with deep, orange red cup. Treat the same as the regular Chinese Lily. Very fragrant.

Monster Bulbs, 25c. each; doz., \$2.25; \$15.00 per 100.

CHINESE SACRED LILIES

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs and fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

	Doz.	By P.P.	100
Monster Bulbs (3 for 40c.)	\$1.35	\$1.45	\$9.00

PEBBLES FOR CHINESE LILIES AND NARCISSUS

Carefully screened and selected. 10c. per qt.; pk., 75c.; \$2.50 per bu.; bbl. sack, \$5.00. (Pebbles cannot be mailed.)

PEARL CHIPS

For bulb bowls, aquariums, etc.; white and assorted colors. Per lb. pkg., 20c. (by parcel post, 30c.); \$1.10 for 6 pkgs.; 12 pkgs., \$2.00.

In bulk, white, 5 lbs., 75c.; \$1.25 per 10 lbs.

Colored, 5 lbs., 85c.; \$1.50 per 10 lbs.

We can also supply bowls for growing bulbs in, at various prices.



Narcissus, Grand Soleil d'Or

MICHELL'S EASTER LILY BULBS

For Indoor Culture

Cultural Note.—Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time.

MICHELL'S "SPECIAL BRAND"

LILIUM HARRISII (True Bermuda Easter Lily)

(Ready Now)

	Each	Doz.	By P.P.	100
6 to 7 inches circum.....	\$0.30	\$2.75	\$2.90	\$18.00
7 to 9 inches circum.....	.35	3.50	3.70	25.00
9 to 11 inches circum.....	.60	6.00	6.25	45.00
11 to 13 inches circum.....	1.25	12.00	12.30	85.00

LILIUM GIGANTEUM

(Ready in October)

	Each	Doz.	By P.P.	100
7 to 9 inches circum.....	\$0.30	\$2.75	\$2.90	\$18.00
8 to 10 inches circum.....	.35	3.50	3.70	25.00
9 to 10 inches circum.....	.45	4.75	5.00	35.00
10 to 12 inches circum.....	.65	6.50	6.80	47.50

LILIUM SINENSIS

(Ready in October)

A new variety of proven merit, requiring similar treatment to the Harrisii; should not be subjected to either extreme heat or cold. Large flowers of heavy texture; deep glossy foliage; grows fairly tall.

	Each	Doz.	By P.P.	100
7 to 9 inches circum.....	\$0.30	\$3.00	\$3.15	\$20.00
8 to 10 inches circum.....	.40	4.00	4.20	30.00
9 to 10 inches circum.....	.50	5.50	5.75	40.00
10 to 12 inches circum.....	.75	7.50	7.80	55.00



Lilium Candidum

LILIUM ERABU

(Ready Now)

	Each	Doz.	By P.P.	100
7 to 9 inches circum.....	\$0.30	\$2.75	\$2.90	\$18.00
8 to 10 inches circum.....	.35	3.50	3.70	25.00
9 to 10 inches circum.....	.50	5.50	5.75	37.50
10 to 12 inches circum.....	.60	6.50	6.80	50.00
11 to 13 inches circum.....	1.00	10.00	10.35	75.00
12 to 14 inches circum.....	1.25	12.00	12.40	85.00

LILIUM MULTIFLORUM

True Narrow Leaf Type

(Ready in October)

	Each	Doz.	By P.P.	100
7 to 9 inches circum.....	\$0.30	\$3.00	\$3.15	\$20.00
8 to 10 inches circum.....	.40	4.00	4.20	30.00
9 to 10 inches circum.....	.50	5.50	5.75	40.00
10 to 12 inches circum.....	.75	7.50	7.80	55.00

LILIUM NOBILI

(Ready in October)

A new Easter lily highly recommended for pot culture, requiring treatment similar to that of Multiflorum; flowers large and of heavy texture.

	Each	Doz.	By P.P.	100
7 to 9 inches circum.....	\$0.30	\$3.00	\$3.15	\$20.00
8 to 10 inches circum.....	.40	4.00	4.20	30.00
9 to 10 inches circum.....	.50	5.50	5.75	40.00
10 to 12 inches circum.....	.75	7.50	7.80	55.00

LILIUM FORMOSUM (The Formosa Easter Lily)

(Ready Now)

Similar to the Bermuda Lily, but blooms earlier.

Dark Stemmed, Erabu Isle Grown

(Flowering generally in March and April)

	Each	Doz.	By P.P.	100
7 to 9 inches circum.....	\$0.30	\$2.75	\$2.90	\$18.00
8 to 10 inches circum.....	.35	3.50	3.70	25.00
9 to 10 inches circum.....	.50	5.50	5.75	37.50
10 to 12 inches circum.....	.60	6.50	6.80	50.00
11 to 13 inches circum.....	1.00	10.00	10.35	75.00
12 to 14 inches circum.....	1.25	12.00	12.40	85.00

LILIUM CANDIDUM

(St. Joseph's, Madonna or Annunciation Lily)

(Ready Now)

How and Where to Plant

Madonna lilies, due to their pure white color, fit into any garden scheme. Plant in clumps of 5 to 10 bulbs each, throughout the hardy border; set bulbs a little on their side and about 4 to 6 inches apart each way; cover the crowns only slightly, not more than 2 inches. Plant in conjunction with Delphinium, or against a background of evergreens or climbing Roses, or against a summer house, or in a pergola, in thickly planted clumps.

	Each	Doz.	By P.P.	100
Mammoth Bulbs.....	\$0.20	\$2.00	\$2.15	\$15.00
Monster Bulbs.....	.30	3.00	3.20	20.00
Jumbo Bulbs, extra large.....	.40	4.00	4.25	30.00
Special Exhibition Bulbs.....	.60	6.00	6.30	45.00

GARDEN LILIES

(Preston)

Preparation of the soil, planting the bulbs and general care.

128 pages. Price, \$1.25

MICHELL'S HARDY GARDEN LILIES

Special Notice Regarding Delivery

Most of the varieties listed below will arrive in time for Fall planting. It often happens, however, that some varieties reach us too late for Autumn planting. Orders for these will be held for early Spring delivery. When ordering, please specify if you desire for Fall or Spring delivery.

It is advisable to prepare your lily bed in the early Autumn and cover with 3 or 4 inches of litter; this will prevent freezing and will permit safe planting of the late arrivals.

For complete cultural notes, see "Michell's Bulb Growing Guide," sent free on request.

If Lily Bulbs are wanted by Parcel Post, add 20c. per doz. for postage.

JAPANESE LILIES

(Ready in Nov.-Dec.)

Auratum (*Golden Banded Lily*). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow; delightfully fragrant; 4 to 5 feet; August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.25	\$2.75	\$18.00
Mammoth Bulbs, 9 to 11 inch circum.....	.35	3.50	25.00
Monster Bulbs, 11 to 13 inch circum.....	.45	4.50	35.00
Jumbo Bulbs, 13 to 15 inch circum.....	.75	8.00	60.00

Speciosum Album. The best late flowering pure white hardy garden lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms; 3 to 4 feet; September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.25	\$22.50
Mammoth Bulbs, 9 to 11 inch circum.....	.45	4.25	32.50
Monster Bulbs, 10 to 12 inch circum.....	.60	6.00	45.00

Speciosum Magnificum. An enormous flower; rich deep pink, spotted crimson; 3 to 4 feet; August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.30	\$3.00	\$20.00
Mammoth Bulbs, 9 to 11 inch circum.....	.40	4.00	30.00
Monster Bulbs, 11 to 13 inch circum.....	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.....	.85	9.00	65.00

Speciosum Melpomene. Deep pink, spotted red; 3 to 4 feet; August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.30	\$3.00	\$20.00
Mammoth Bulbs, 9 to 11 inch circum.....	.40	4.00	30.00
Monster Bulbs, 11 to 13 inch circum.....	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.....	.85	9.00	65.00

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites; 4 to 5 feet; September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.30	\$3.00	\$20.00
Mammoth Bulbs, 9 to 11 inch circum.....	.40	4.00	30.00
Monster Bulbs, 11 to 13 inch circum.....	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.....	.85	9.00	65.00

Tigrinum Splendens (*Tiger Lily*). Orange, spotted black; double.

	Each	Doz.	100
Tigrinum Splendens. Single.....	.25	2.75	18.00

MISCELLANEOUS JAPANESE LILIES

	Each	Doz.	100
Auratum Platyphyllum (<i>Macranthum</i>). Giant Golden Banded Lily; 4 to 5 feet; August.....	\$0.45	\$4.25	\$32.50
Batmanni . Apricot colored; 3 feet; July..	.35	3.75	27.50
Brownii . White inside, outside brown; 3 to 4 feet; June-July.....	.90	9.00	70.00
Hansoni . Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster; June..	.80	8.00	60.00
Henryi (<i>Yellow Speciosum Lily</i>). Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion; July-August.....	.35	3.75	27.50
Krameri (<i>Japonicum</i>). Blush pink; 3 feet; June-July; a good variety for the rock garden.....	.40	4.00	30.00
Rubellum . Beautiful rose color; 1½ feet; June; excellent for the rock garden.....	.35	3.75	27.50

COLOR PLATE COLLECTION HARDY LILIES

One each of the five varieties, for \$1.75, postpaid.
Six each of the five varieties, for \$9.50, postpaid.



Lily Hansonii

MISCELLANEOUS LILIES

(Ready in October, except where noted)

	Each	Doz.	100
Canadense (<i>Canadian Bellflower Lily</i>). Bright yellow flowers, spotted black inside; 3 to 5 feet; June-July.....	\$0.30	\$3.00	\$20.00
Canadense Rubrum . Crimson with black spots; 3 to 4 feet; August.....	.35	3.50	25.00
Davuricum . Upright scarlet flowers; 2 to 3 feet; June-July.....	.35	3.50	25.00
Elegans, Atrosanguineum . Velvety crimson; 1 foot; June-July.....	.35	3.50	25.00
Elegans, Leonard Joerg . Rich apricot pink.	.30	3.25	22.50
Elegans Mixed . Shades of orange; 2 feet; June-July; fine for the rock garden.....	.20	2.00	14.00
Pardalinum (<i>P. Californicum</i>). Orange, spotted crimson; 4 to 6 feet; July.....	.35	3.50	25.00
Superbum (<i>Turk's Cap Lily</i>). Grows from 4 to 5 feet high and produces from 15 to 25 orange red flowers on a stalk; August..	.30	3.00	20.00
Szovietzianum Colchicum . Drooping fragrant flowers; color, deep straw, spotted black; 4 to 6 feet; June. (Ready Nov.-Dec.)	1.00	10.00	75.00
Tenuifolium . Grows 18 inches high, on wiry stems; clusters of brilliant scarlet, star-like flowers. Grows very easily in a well-drained pocket in the rock garden...	.20	2.00	15.00
Testaceum (<i>Nankeen Lily, Excelsum</i>). Color, white outside, dusky orange or pale apricot within; 3 to 6 feet; June-July....	1.75	17.50	130.00
Umbellatum . Orange scarlet; 2 feet; June; well adapted for growing in the rock garden	.35	3.25	22.50

REGALE LILY (LILIUM MYRIOPHYLLUM)

Sturdy stems 3 to 5 feet high; large flowers, center flushed golden yellow, shading off to creamy white at outer edges; externally the flowers are streaked with brown, shaded a pearly tint. Plant in Fall or early Spring, 8 to 9 inches deep; blooms in July. (Ready October.)

	Each	Doz.	100
Large selected bulbs.....	\$0.35	\$3.50	\$25.00
Mammoth bulbs.....	.45	4.75	35.00
Monster bulbs.....	.60	6.00	45.00
Jumbo bulbs.....	1.00	10.00	75.00



**MICHELL'S
HARDY LILIES**

Mammoth Bulbs

1. MAGNIFICUM
2. RUBELLUM
3. REGALE
4. HENRYI
5. AURATUM

For description and prices
see opposite page.

MICHELL'S MISCELLANEOUS BULBS

For Winter and Spring Flowering

AMARYLLIS (Ready in October)

Cultural Directions. When bulbs are received they should be placed where they will always be slightly moist and warm. Do not pot up the bulbs until the flower buds appear; when first potted, give very little water and promote growth by giving moderate bottom heat; increase the supply of water as the plants grow.

If wanted by Parcel Post, add 20c. per doz. for postage.

GIANT AMERICAN HYBRIDS

Our famous strain in separate colors.

	Each	Doz.	100
Crimson and Scarlet Shades			
Large selected bulbs.....	\$0.60	\$6.50	\$50.00
Choice mammoth bulbs.....	1.00	10.00	75.00
Pink, Rose and Carmine Shades			
Large selected bulbs.....	\$0.60	\$6.50	\$50.00
Choice mammoth bulbs.....	1.00	10.00	75.00
White with Scarlet Markings			
Large selected bulbs.....	\$0.60	\$6.50	\$50.00
Choice mammoth bulbs.....	1.00	10.00	75.00
Choice Assorted Shades			
Large selected bulbs.....	\$0.60	\$6.50	\$50.00
Choice mammoth bulbs.....	1.00	10.00	75.00

Pure White. Very scarce and rare. Blooms are pure white, often 8 to 10 inches wide and of heavy texture.

Large bulbs, \$1.50 each; doz., \$15.00.

	Each	Doz.	100
Hippeastrum Equestre. Large flowers of a brilliant orange scarlet, with white throat.	\$0.30	\$3.00	\$20.00



Amaryllis, Giant American Hybrids

ACONITE, WINTER (*Eranthis Hyemalis*)

A very early Spring flowering bulb, producing golden yellow flowers. Prefers a moist, shady location; perfectly hardy; excellent for the rockery; height about 6 inches. 40c. per doz.; per 100, \$2.50 (by P. P., \$2.65); \$20.00 per 1000.

ANEMONE (Windflower)

For brilliancy of color and profusion of bloom, none of the Spring flowers surpass the Anemones; they are an excellent decorative plant for house or garden. The foliage is most attractive; above all, the plant is crowned with long stemmed beautiful flowers in many colors and shades. If planted outdoors in the Fall, they must be well protected with leaves or other litter. They are also well adapted for pot culture and are excellent for cutting; 1½ feet.

Blue Poppy. A choice selection of blue shades; large poppy shaped, thick petaled blooms, on long stems. 75c. per doz.; per 100, \$5.00 (by P. P., \$5.15); \$45.00 per 1000.

DeCaen. Single French varieties in mixed colors. 60c. per doz.; per 100, \$4.00 (by parcel post, \$4.15); \$35.00 per 1000.

His Excellency. Beautiful, large flowering Poppy Anemone; deep scarlet, thick petals, long stems. 75c. per doz.; per 100, \$5.00 (by P. P., \$5.15); \$45.00 per 1000.

St. Brigid. A greatly improved form with immense semi-double and double flowers in many colors. 90c. per doz.; per 100, \$6.00 (by P. P., \$6.15); \$55.00 per 1000.

BRODIAEAS

Choice Mixed. A small bulb producing grassy leaves near the ground; slender, stiff stems, 6 to 8 inches long, with small waxy flowers in shades of blue and purple; fine for rockeries. Doz., 75c.; \$5.00 per 100 (by P. P., \$5.15); per 1000, \$45.00.

AMERICAN ROCK GARDENS (Hamblin)

Emphasizes the plants suitable for American soils and conditions.

128 pages. Price, \$1.25



Anemone, St. Brigid

BEGONIAS

(Tuberous
Rooted)

Ready in January

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then.

If wanted by Parcel Post add 25c. per 100 for postage. Single and dozen bulbs mailed free.



Single Tuberous Rooted Begonia

SINGLE BEGONIAS (Large Bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson...	\$0.20	\$2.00	\$14.00	Scarlet...	\$0.20	\$2.00	\$14.00
Orange....	.20	2.00	14.00	White.....	.20	2.00	14.00
Pink and				Yellow....	.20	2.00	14.00
Rose....	.20	2.00	14.00	Mixed.....	.20	2.00	14.00
Salmon....	.20	2.00	14.00				

DOUBLE BEGONIAS (Large Bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson...	\$0.25	\$2.50	\$16.00	Scarlet...	\$0.25	\$2.50	\$16.00
Orange....	.25	2.50	16.00	White.....	.25	2.50	16.00
Pink and				Yellow....	.25	2.50	16.00
Rose....	.25	2.50	16.00	Mixed.....	.25	2.50	16.00
Salmon....	.25	2.50	16.00				

BEGONIA, CRISPA (Large Bulbs)

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange....	\$0.25	\$2.50	\$16.00	Scarlet...	\$0.25	\$2.50	\$16.00
Pink and				White.....	.25	2.50	16.00
Rose....	.25	2.50	16.00	Yellow....	.25	2.50	16.00
Salmon....	.25	2.50	16.00	Mixed.....	.25	2.50	16.00

BEGONIA, Hanging Basket Type

For vases, hanging baskets, porch and window boxes.

	Each	Doz.	100
Mixed Colors.....	\$0.25	\$2.50	\$16.00

FANCY LEAVED CALADIUMS

(Ready in January)

These are grown for us by one of the leading Hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the Summer, if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. The bulbs should be started in moss with plenty of bottom heat.

CHOICE NEW AND RARE NAMED VARIETIES

A selection of best highly colored and newer sorts. 50c. each; doz., \$4.50 (by parcel post, \$4.60); \$35.00 per 100.

STANDARD NAMED

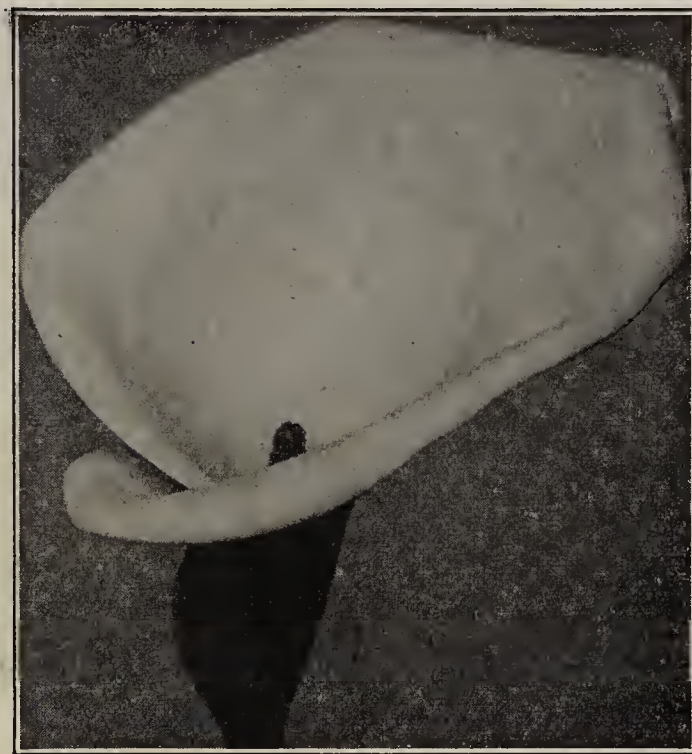
HIGHLY COLORED VARIETIES

A well balanced assortment of meritorious varieties. 35c. each; doz., \$3.50 (by parcel post, \$3.60); \$25.00 per 100.

MIXED VARIETIES

An assortment especially blended for us. 30c. each; doz., \$2.75 (by parcel post, \$2.85); \$18.00 per 100.

Note. It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended upon for best results.



White Calla

CALLA LILY BULBS

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

If Callas are wanted by Parcel Post, add 15c. per doz. for postage.

CALLA AETHIOPICA (White Calla)

(Lily of the Nile)

	Each	Doz.	100
Monster Size, 2 to 2½ in. diam.....	\$0.60	\$6.00	\$45.00
Mammoth Size, 1¾ to 2 in. diam.....	.40	4.00	30.00
Medium Size, 1½ to 1¾ in. diam.....	.25	2.25	17.00
First Size, 1¼ to 1½ in. diam.....	.15	1.50	10.00

SPOTTED CALLAS (Ready in October)

Flowers white, foliage green spotted white. 35c. each; doz., \$3.50; \$25.00 per 100.

YELLOW CALLA (Elliottiana) (Ready in October)

The rich, golden yellow flowers are large and massive and produced in abundance; foliage green spotted white; very attractive.

	Each	Doz.	100
Mammoth Bulbs.....	\$0.35	\$3.50	\$25.00
Monster Bulbs.....	.50	5.50	40.00
Jumbo Bulbs.....	.70	7.50	55.00

GODFREY DWARF EVERBLOOMING CALLA

An improvement over the ordinary White Calla, dwarfer habit and freer bloomer; white and delicately scented.

	Each	Doz.	100
First size bulbs.....(3 for 35c.)	\$1.25	\$9.00	
Medium size bulbs.....	\$0.25	2.50	18.00
Mammoth bulbs.....	.35	3.50	25.00
Monster bulbs.....	.50	4.50	35.00
Jumbo bulbs.....	.60	6.00	45.00

CALOCHORTUS OR MARIPOSA TULIP

(Also known as Butterfly Tulip)

Mixed Colors. Our mixture comprises all the pleasing shades of pink, rose, white, lavender and primrose; excellent for the rock garden; height, about 18 inches. Per doz., \$8.00; \$5.50 per 100 (by P. P., \$5.65); per 1000, \$50.00.

CAMASSIA

Leichtlini. A perfectly hardy bulbous plant, thriving under ordinary garden conditions or when naturalized in open moist woods or in not too dense a grass growth. Stems 4 feet high with as many as 100 star shaped flowers, measuring 1½ inches across and blooming for a long time. Shades of deep blue and creamy white. 3 for 40c.; \$1.35 per doz. (by P. P., \$1.45); per 100, \$9.00; \$85.00 per 1000.



CROCUS

One of the earliest flowers to bloom in Spring; most effective for borders or beds, also for planting in clumps amongst shrubbery and for the rock garden. In lawns, planted in the grass the Crocus are extremely effective. An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot; this gives a very pretty effect. The Giant Flowering varieties are also splendid for flowering in pots, but too severe forcing must not be attempted; height, 6 inches.

If wanted by Parcel Post, add 15c. per 100 for postage.

GIANT NAMED CROCUS

The bulbs of these varieties are very large and each bulb is capable of producing several flowers of large size.

	Doz.	100	1000
Agnes (New). Pale china blue with white edge; flowers large.....	\$0.50	\$3.00	\$25.00
Baron von Brunow . Deep blue.....	.50	3.00	25.00
Cloth of Gold . Rich yellow, brown veins.....	.50	3.00	25.00
King of the Blues . Purple.....	.50	3.00	25.00
L'Innocence (New). Stem and flower are pure white; giant blooms.....	.50	3.00	25.00
Purpurea Grandiflora . Rich purple.....	.50	3.00	25.00
Striped Beauty (New). An extra large flower; white, evenly striped dark mauve.....	.50	3.00	25.00
Tomasinianus . Pale lavender blue; a very graceful variety, that produces medium sized blooms exceedingly early.....	.50	3.00	25.00
Giant Named Mixed.....	.50	3.00	25.00

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Yellow	\$0.40	\$2.50	\$20.00
Yellow . Mammoth size.....	.50	3.00	25.00
Yellow . Giant size.....	.60	3.75	32.50
Mixed . An assortment of choice varieties, well blended.....	.35	2.25	17.00

AUTUMN FLOWERING CROCUS

(Colchicum Autumnale)

Autumn flowering bulbs, producing lavender colored flowers; can be grown in partial shade and are excellent among low growing plants; fine for the rockery; will also bloom without soil or water by placing in the sun in a dish or saucer; 8 to 10 inches. 35c. each; per doz., \$4.00 (by P. P., \$4.15); \$30.00 per 100.

Crocuses, Chionodoxas and Scillas planted as edgings for beds or borders, naturalized under trees or in rock gardens produce a gay effect.

CHIONODOXA (Glory of the Snow)

One of the first flowers to appear in the Spring. Used for edging or for planting in masses, or in the rock garden.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Luciliae . Bright blue with white center....	\$0.40	\$2.50	\$20.00
Sardensis . Very deep blue with white center.....	.50	3.00	25.00

DIELYTRA or DICENTRA

(Bleeding Heart or Seal Flower)

Spectabilis. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. Its long sprays of graceful heart-shaped flowers are always attractive. 3 for \$1.00 (by parcel post, \$1.10); \$3.50 per doz. (by parcel post, \$4.00); per 100, \$25.00.



Eremurus

EREMURUS

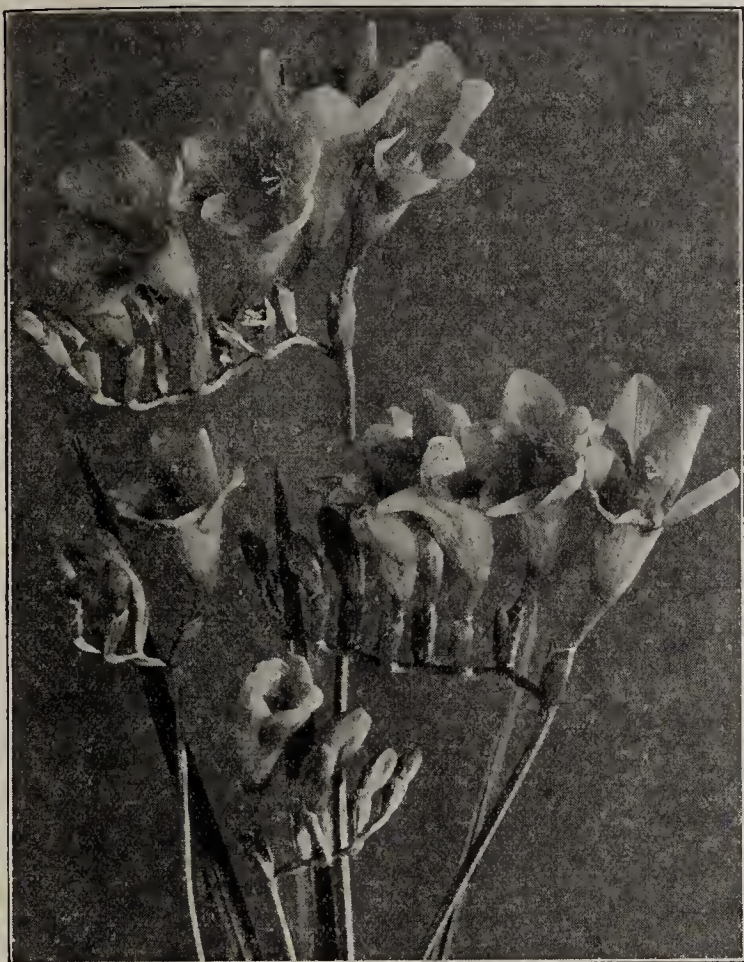
(FOXTAIL LILY—GIANT ASPHODEL)

A rare bulbous plant that is very hardy; flower stalks 8 feet or more tall, rising from a tuft of long, narrow leaves and crowned by a flower spike 2 to 3 feet long, closely set with star-like, bell-shaped flowers. On account of their height, we recommend these for the rear of the hardy border. Delivery September and October.

	Each	Doz.
Bungei . Citron yellow; spikes 5 to 6 feet high; flowers in July.....	\$1.50	\$16.50
Elwesianus . Soft pink; spikes 10 to 12 feet high; flowers in June.....	3.00	33.00
Elwesianus White . Pure white; flowers in late June.....	3.50	38.50
Himalaicus . Waxy white flowers with golden anthers; height, 6 to 8 feet; flowers in June.....	2.50	25.00
Him-Rob . Pale silvery pink; height, 8 to 10 feet; flowers in June.....	3.00	33.00
Robustus . Rosy pink; height, 10 feet; flowers in June.....	3.00	33.00
Shelford . Coppery yellow or orange; height, 7 to 8 feet; flowers in June.....	3.50	38.50
Warei . Coppery pink, shot with bronze; height 8 feet; flowers earlier than Bungei.....	5.00	55.00

ERYTHRONIUM (Dog's Tooth Violet)

Revoluta. Charming woodland plants, also effective in the rock garden; lily-like flowers in shades of white, pink, creamy yellow and rose; richly mottled leaves; 8 inches. Per doz., 90c.; \$6.50 per 100 (by P. P., \$6.65); per 1000, \$60.00.



Freesia, Golden Daffodil

FREESIAS**MICHELL'S IMPROVED PURITY**

Our strain is the true improved type; produces large, pure glistening white flowers on long stems.

	Doz.	100	1000
Mammoth size bulbs.....	\$0.45	\$2.75	\$22.50
Monster size bulbs.....	.65	3.50	30.00
Jumbo bulbs.....	.75	4.50	40.00

ELDER'S GIANT WHITE

The largest and best white Freesia commercially offered to date; giant pure white blooms on very long stems; excellent for blooming during late February or early March.

	Doz.	100	1000
Mammoth size bulbs.....	\$0.85	\$5.50	\$50.00
Monster size bulbs.....	1.50	10.00	95.00
Jumbo size bulbs.....	1.75	12.50	120.00

COLORED FREESIAS

The colored Freesias have become very popular on account of their unique colorings and shadings.

Apotheose. Enormous flowers, waxy, thick petaled, and a gorgeous pink tinted lavender.

	Doz.	100
Monster bulbs.....	\$2.00	\$14.00
Jumbo bulbs.....	2.50	16.00
Giant bulbs.....	2.75	18.00

California. Bright, golden yellow. Doz. 100 1000
Selected bulbs.....\$0.50 \$3.00 \$25.00
Mammoth bulbs......60 3.50 30.00

Golden Daffodil. Golden yellow with bright orange blotch on lower lip.
First size bulbs..... .50 3.00 25.00
Mammoth bulbs..... .60 4.00 35.00
Monster bulbs..... .80 5.00 45.00
Jumbo bulbs..... 1.25 8.00 75.00

COLORED FREESIAS—Continued

Golden Treasure. Light yellow with lavender markings.

	Doz.	100	1000
First size bulbs.....	\$0.50	\$3.00	\$25.00
Mammoth bulbs.....	.60	4.00	35.00
Monster bulbs.....	.80	5.00	45.00
Jumbo bulbs.....	1.25	8.00	75.00

Marie Louise Fischer. An excellent variety, with rich lavender blue flowers.

Selected bulbs.....	.50	3.00	25.00
Mammoth bulbs.....	.60	4.00	35.00
Monster bulbs.....	.80	5.00	45.00

Maryon. Often called the Blue Freesia; color, violet mauve, the nearest approach to blue; 2½ inches across on tall stems.

Mammoth bulbs.....	2.50	16.00	
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Miss Blanche Blue. A new variety, with deep, bluish lavender flowers of extra large size.

Selected bulbs.....	\$1.10	\$7.50	\$70.00
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Opal. Fine wide open flowers of a beautiful lavender shade; thick wavy petals.

First size bulbs.....	\$1.00	\$7.00	\$65.00
Mammoth bulbs.....	1.25	8.50	80.00

Mrs. Marc Peters. Deep rosy salmon, blotched golden yellow; early.

Selected bulbs.....	.90	6.00	55.00
Mammoth bulbs.....	1.00	7.00	65.00

Splendens. Lavender. Selected bulbs..... .30 1.75 12.50

Mammoth bulbs.....	.45	2.75	22.50
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Rainbow Mixture. Selected bulbs..... .60 3.50 30.00

Mammoth bulbs.....	.70	4.00	35.00
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FRITILLARIA IMPERIALIS**(Crown Imperial)**

A majestic plant, producing, early in Spring, stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. Ideal for planting in hardy borders.

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	100
Mixed Colors.....	\$0.40	\$4.00	\$30.00

FRITILLARIA MELEAGRIS**(Guinea Hen Flower or Checkered Lily)**

Dwarf Spring flowering plants with large pendent bell-shaped flowers. Excellent for pot culture and valuable for large groups in the garden border, also for the rock garden.

Very Fine Mixed. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

GLOXINIAS (Ready in January)

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. We offer extra fine large bulbs.

If wanted by Parcel Post, add 25c. per 100 for postage.

	Each	Doz.	100
Emperor Frederick. Red striped white; monster flowers.....	\$0.35	\$3.75	\$27.50
Emperor William. Purple striped white..	.35	3.75	27.50
Purple.....	.35	3.75	27.50
Red.....	.35	3.75	27.50
Tigred and Spotted.....	.35	3.75	27.50
White.....	.35	3.75	27.50
Choice Mixed Colors.....	.35	3.75	27.50

**THE GOLD STAR FLOWER
OF SOUTH AFRICA****(Ornithogalum Thrysoides Aureum)**

Give the same culture as for Freesias and plant in September; blooms in March and lasts until early May. The star-like flowers appear in a dense umbel, averaging 4 to 5 inches in diameter; individual flowers measure 1½ inches across; color, rich lustrous yellow and the flowers emit a honey-like fragrance. Bulbs average about ½ inch in diameter and are as smooth as snowdrops. Per doz., \$3.25; \$22.50 per 100.

GLADIOLUS (For Indoor Forcing)

Especially prepared large bulbs ready end of December. The varieties listed are fine for greenhouse culture. Make your reservations now and we will forward bulbs at proper time for planting. The figures following the variety represent the approximate number of days to bring into bloom.

Alice Tiplady (<i>Primulinus</i>). 78. Orange saffron; Doz. 100 a showy large flower.....(3 for 20c.)\$0.55 \$3.50		
Caruso . 75. Orange red with blotch in throat. (3 for 30c.) 1.00 7.00		
E. J. Shaylor . 75. Deep rose pink.....(3 for 20c.) .60 4.00		
Gold Eagle . 75. Deep, rich yellow, slightly ruf- fled.....(3 for 25c.) .75 5.00		
Golden Measure . 86. Pure golden yellow. (3 for 25c.) ..... .75 5.00		
L'Immaculee . 82. Pure white.....(3 for 25c.) .75 5.00		
Los Angeles . 87. Pink, feathered cerise at throat. (3 for 20c.)..... .60 4.00		
Minuet . 85. Light lavender.....(3 for 30c.) 1.00 7.00		
Mrs. Dr. Norton . 78. White, edges of petals suffused La France pink.....(3 for 25c.) .75 5.00		
Mrs. Frank Pendleton, Jr. 72. Flushed salmon pink, carmine blotches in throat.....(3 for 20c.) .60 4.00		
Mrs. Leon Douglas . 85. Begonia-rose, striped flame scarlet.....(3 for 25c.) .75 5.00		
Nancy Hanks . 78. Apricot, shading to orange pink, red pencilling on lip.....(3 for 25c.) .90 6.00		
Orange Queen (<i>Primulinus</i>). 68. Pure apricot. (3 for 25c.)..... .90 6.00		
Ruth Huntington . 80. Violet-lilac, with deeper markings on lower petals.....(3 for 25c.) .75 5.00		
Souvenir (<i>Primulinus</i>). 77. Golden yellow. (3 for 20c.)..... .60 4.00		
Virginia or Scarlet Princeps . 85. Intense scarlet. (3 for 20c.)..... .60 4.00		

BABY OR COLVILLEI TYPE**(Ready Now)**

These are Winter flowering strains of slender growth with beautiful orchid-like flowers, which are ideal for growing in the greenhouse or conservatory.

	Doz.	100	1000
California Pink Perfection . Rich pink...\$0.80	\$5.50	\$50.00	
Fiery Night . Brilliant carmine..... .80	5.50	50.00	
Peach Blossom . A lovely shade of soft pink..... .80	5.50	50.00	
The Bride . Pure white..... .80	5.50	50.00	

If Gladiolus Bulbs are wanted by Parcel Post, add 25c. per 100 for postage.

GRAPE HYACINTHS (Muscari)

Beautiful early Spring flowering bulbs for planting in masses or in the rock garden, in either shade or sun. Once planted they multiply rapidly and send up flower spikes by the score each year. Also adapted for growing indoors. Perfectly hardy; height, 6 to 8 inches.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Botryoides Albus . White.....\$0.55	\$3.75	\$32.50	
" Heavenly Blue . Sky blue.... .45	2.75	22.50	
Dark Blue . American grown..... .60	4.00	35.00	

IRIS RETICULATA

A very fine novelty, producing miniature blooms of delicate fragrance; if potted in bowls with bulb fibre early in September, can be had in bloom from Christmas on; height about 8 inches when in full bloom. Color, velvety purple, with gold blotch; make a beautiful combination with Lily of the Valley in baskets or other decorations; small clumps in sheltered rockery pockets will bloom in April.

35c. each; doz., \$3.50; \$25.00 per 100.

IRIS WEDGEWOOD

	Doz.	100
Deep blue flower; a very free blooming variety, producing monster flowers on long, strong stems; very early, in fact one of the first of all Iris to bloom when forced under glass; large bulbs.....\$2.00	\$14.00	

*Iris Filifolia, Imperator***DUTCH IRIS (Iris Hollandia)**

This new strain is much more vigorous in habit and growth than Spanish Iris, which it resembles. The blooms are very large and flower two weeks earlier than Spanish Iris, when grown outside; they are invaluable as a cut flower and when forced under glass will bloom in late February and early March.

	Doz.	100	1000
A. Bloemard . Dark purplish blue, falls lighter blue; very large flower and early..\$0.90	\$6.00	\$55.00	
Adrian Backer . A fine flower of good sub- stance; purplish lilac..... .90	6.00	55.00	
D. Haring . Grayish white, tinted lilac, falls pure white; a large flower and early..... .90	6.00	55.00	
Leonardo Da Vinci . A very large and early flower; standards creamy white, falls canary yellow with orange stripe..... .90	6.00	55.00	
Poggenbeeck . Flowers very early; a great improvement on Imperator; dark blue.... .90	6.00	55.00	
Theresa Schwartz . Standards pale corn- flower blue, falls pure white, with very narrow orange stripe; excellent cut flower.. .90	6.00	55.00	
White Excelsior . Immense flowers of purest white; very early and a fine cut flower.... .90	6.00	55.00	
Yellow Queen . Standards and falls golden yellow; thin wiry stems; excellent for forc- ing and an outstanding variety for the garden..... .90	6.00	55.00	

SPANISH IRIS (Iris Hispanica)

These are extremely early and produce graceful slender stems, with fragrant, orchid-like flowers; they are hardy outdoors, requiring only a slight mulch; excellent for forcing in boxes or pans.

	Doz.	100	1000
Cajanus . Canary yellow, with orange blotch on falls.....\$0.80	\$5.50	\$50.00	
King of the Blues . Deep purplish blue, shading lighter..... .80	5.50	50.00	
King of Whites . Pure white; very fine..... .80	5.50	50.00	
Prince Henry . Dark bronze; golden blotch. .80	5.50	50.00	

IRIS FILIFOLIA IMPERATOR

	Doz.	100	1000
Clear deep blue; universally popular as a greenhouse forcing variety, producing elegant large flowers; large bulbs.....\$1.10	\$7.00	\$65.00	

If Iris is wanted by Parcel Post, add 15c. per 100 for postage.

IXIAS

A charming little stove and conservatory bulb; it may also be planted outdoors if put in a protected position with plenty of covering during the Winter and in well-drained soil.

	Doz.	100	By P.P.	1000
Scarlet.....	\$0.70	\$4.50	\$4.65	\$40.00
Extra Fine Mixture.....	.50	3.50	3.65	30.00

LEUCOJUM VERNUM (Spring Snowflake)

A pretty bulbous plant, similar to the Snowdrop but of larger size and stronger growth; beautiful white flowers, tipped with green; excellent for cutting; fine for rock gardens; height, 8 to 10 inches. Per doz., 75c.; \$5.00 per 100; per 1000, \$45.00.



Lily of the Valley

LILY OF THE VALLEY

(Ready in December)

A beautiful pure white flower; principally used for Winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place.

Michell's Fancy Giant Flowering. 25 for \$1.75 (by P. P., \$1.85); \$6.00 per 100 (by P. P., \$6.25); per 1000, \$50.00.

Bundles or Clumps. For outdoor planting only. Bundles contain 12 good size pips, with good root growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. We can make shipment of these from November until May. 50c. per bundle (by P. P., 60c.); doz. bundles, \$5.50 (by P. P., \$5.75); \$40.00 per 100 bundles.

COLD STORAGE LILY OF THE VALLEY

(Ready for Delivery Now)

Our cold storage Lily-of-the-Valley pips are of high grade quality and planted at intervals in either soil, peat or bulb fibre, and given a gentle heat and plenty of water, an abundance of these fragrant flowers may be had all through the Winter and early Spring; will bloom in three weeks after planting.

Michell's Superb Exhibition. Per doz., \$1.25; \$2.25 per 25; per 100, \$8.00; \$17.50 for 250; 500 for \$34.00; \$65.00 per 1000.

LEUCOCRYNE IXIODES ODORATA

(Glory of the Sun)

A new introduction from Chile; requires the same culture as Freesias and blooms during February and March. Produces long wiry stems, 18 to 24 inches long, carrying a cluster of beautiful lavender, Phlox-like flowers; the color is striking and odor faintly resembles Heliotrope; flowers last from 3 to 4 weeks. A fine thing for all artistic decorations. Per doz., \$4.25; \$32.50 per 100.

ORNITHOGALUM (Star of Bethlehem)

Arabicum. An attractive flowering bulb for indoor or outdoor culture. Petals pure white, streaked light green with a black center, very fragrant and especially desirable for planting in woodlands for naturalizing. For indoor culture treat like Hyacinths; height, 2 feet. 15c. each; doz., \$1.00 (by P. P., \$1.15); \$7.00 per 100; per 1000, \$65.00.

OXALIS

For conservatory, greenhouse and window garden culture the Oxalis is ideal. Should be given a well-drained pot or pan of rich, loamy soil and potted any time from September to December, the earlier the better. They may be started into growth as soon as potted by placing in a sunny situation and a temperature of from 55 to 60 degrees, water being given as required. Plant 4 to 6 bulbs in a pot or hanging basket.

	Doz.	100	By P.P.	1000
Grand Duchess. Lavender.....	\$0.50	\$3.00	\$3.10	\$25.00
" " Pink.....	.50	3.00	3.10	25.00
" " White.....	.50	3.00	3.10	25.00
" " Yellow.....	.50	3.00	3.10	25.00
Bermuda Buttercup. Mammoth..	.55	3.50	3.60	30.00
Hirta. Beautiful pink.....	.60	4.00	4.10	35.00



RANUNCULUS (Buttercup)

An attractive flower resembling a giant double buttercup or double poppy. Easily grown in pots for Winter blooming or in cold frames for Spring; height, 12 to 15 inches.

Palafior Strain, Choice Mixed. A new strain that produces flowers twice as large and about four times as full as the other types now being offered. Flower spikes are of vigorous growth and twice the size of the older sorts. They contain a beautiful range of colors, with practically no white among them, such as subtle shades and pastel colorings of pinks and yellows, as well as others heretofore never produced. Choice bulbs. Per doz., \$1.25; \$9.00 per 100; per 1000, \$85.00.

Giant Yellow. A new strain containing a full range of yellow shades; blooms large and very fine. Per doz., 75c.; \$5.00 per 100; per 1000, \$45.00.

Giant Fringed Mixed. Per doz., 60c.; \$4.00 per 100 (by P. P., \$4.15); per 1000, \$35.00.

*Scilla Siberica***SCILLAS (Squills, Wood Hyacinths, Blue Bells, Etc.)**

Excellent for planting around beds of tulips, hyacinths or daffodils, in the rockery, or among shrubbery in the herbaceous border. They also do well if planted indoors in pots or pans. The Campanulata type grow about 15 inches high; the Siberica 3 to 4 inches.

	Doz.	100	By P.P.	1000
Campanulata Alba. White.....	\$0.50	\$3.00	\$3.15	\$25.00
Coerulea. Blue.....	.50	3.00	3.15	25.00
Rosea. Pink.....	.60	4.00	4.15	35.00
Siberica. Blue, first size bulbs.....	.35	2.25	2.40	17.50
Mammoth bulbs......	.45	3.00	3.15	25.00

*Single Snowdrops***SNOWDROPS (Galanthus)**

One of the earliest bulbs to bloom in the Spring and good for both sun and shade; will thrive in almost any situation or soil. Excellent for banks, edgings or the rockery; perfectly hardy; height, 6 to 8 inches.

	Doz.	100	By P.P.	1000
Double. Pure white.....	\$0.75	\$5.00	\$5.15	\$45.00
Single. Pure white.....	.50	3.50	3.65	30.00

TRITONIA CROCAT

Prince of Orange. A splendid pot plant, having the same characteristics as the Freesia; excellent for cutting, remaining in good condition for several days. Color, orange scarlet or flame red and have transparent petals; height, 12 to 15 inches. 65c. per doz.; per 100, \$4.50 (by P. P., \$4.65); \$40.00 per 1000.

*Spirea, Deutschland***SPIREA (Ready in December)**

This is a favorite Easter plant, rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by putting in a warmer place.

America. A beautiful lilac rose variety, having the same habit, large feathery panicles and forcing qualities as Gladstone. 80c. each; per doz., \$8.00; \$60.00 per 100.

Deutschland. Purest white; a strong grower and exceptionally good forcer. 80c. each; per doz., \$8.00; \$60.00 per 100.

Gladstone. A very popular variety; immense trusses of snow-white flowers, produced in great abundance on strong erect stalks. 80c. each; per doz., \$8.00; \$60.00 per 100.

Gloria. Dense feathery plumes of a splendid brilliant dark pink color with a soft lilac shade. 80c. each; per doz., \$8.00; \$60.00 per 100.

Peach Blossom. A very lovely shade of peach-blossom pink. A very free flowering variety. 80c. each; per doz., \$8.00; \$60.00 per 100.

Queen Alexandra. A beautiful shade of pink. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. 80c. each; per doz., \$8.00; \$60.00 per 100.

Rhineland. A very fine forcing variety; flowers are bright crimson, shading to salmon. 80c. each; per doz., \$8.00; \$60.00 per 100.

ZEPHYRANTHES (Fairy Lily)

Dwarf bulbous plants, somewhat resembling the Crocus in appearance; planted outdoors in May, they will flower the entire season. Excellent for the rock garden. They are also suitable for pot culture.

	Doz.	By P.P.	100	1000
Carinata. Pink; very large and showy.....	(3 for 30c.)	\$1.00	\$1.10	\$7.00 \$65.00
Robustus. A tall handsome variety, with large lavender flowers.	(3 for 35c.)	1.25	1.35	9.00 85.00
Treata Alba. White, 6 to 8 in.	(3 for 20c.)	.70	.80	5.00 45.00
Treata Rosea. Pink, 1 foot	(3 for 30c.)	1.00	1.10	7.00 65.00

FOR AUTUMN AND EARLY WINTER SOWING

The Perennial Flower Seeds listed in the following pages, if sown in the fall in a cold frame or a protected corner of the garden, will produce plants that will give splendid results the next season.

For Complete List of Flower Seeds, see Our General Catalog.

Special Collection—Hardy Perennials

13 Choice Varieties for \$1.00. One pkt. each of the following:

Aquilegia	Delphinium	Gypsophila
Campanula	Dianthus	Hollyhock
Centaurea	Digitalis	Lupins
Chrysanthemum	Gaillardia	Sweet William
Coreopsis		

ACANTHUS

Latifolius. Stately hardy perennial foliage plant; large decorative leaves; July and August; 3 feet. . . \$0.25 Pkt. \$0.10

ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl. "The Pearl." Tall erect plants; pure white double flowers; hardy perennial; 2 ft. . . .75 Pkt. .10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; 3 feet; August-September.

	Large pkt.	Pkt.
Fischeri. An improved strain; compact habit with bright blue flowers.	\$0.75	\$0.15
Napellus. Long spikes of blue flowers. . . . .	.50	.10

ADONIS

***Vernalis.** Finely cut foliage; bright yellow flowers; perennial; 1 foot.60 Pkt. .10

AGATHEA

Coelestis (Blue Daisy or Marguerite). Greenhouse perennial, with beautiful blue flowers; 3 feet. . . .40 Pkt. .10

AGROSTEMMA (Rose of Heaven, Mullein Pink)

	Large pkt.	Pkt.
Coronaria. Silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet; June to August. . . .	\$0.25	\$0.10
Coronaria Alba. Pure white. . . . .	.25	.10

ALYSSUM

Saxatile Compactum (Basket of Gold). Golden yellow flowers; hardy perennial; 1 foot. . . .oz., \$1.25 .30 Pkt. .10

AMPELOPSIS (Boston or Japanese Ivy)

Veitchi. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumn. oz., 40c. .25 Pkt. .10

ANCHUSA (Sea Bugloss)

Italica "Dropmore." A hardy perennial plant, 4 feet high, with flowers of a lovely gentian blue. . . .25 Pkt. .10

***Myosotidiflora.** Small Forget-me-not blue flowers; perennial; fine for the rockery; 15 inches.1.00 Pkt. .25

ANEMONE (Wind Flower)

A dainty spring flowering perennial, with cup-shaped blossoms; splendid for bouquets.

	Large pkt.	Pkt.
Coronaria. Mixed colors; 1 foot.	\$0.40	\$0.10
St. Brigid, or Poppy. Flowers of large size; semi-double and double, in many colors; 1 foot. . . . .	.75	.15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial; daisy like bright yellow flowers; 2 feet.40 Pkt. .10

ARABIS (Rock Cress)

***Alpina.** Early spring flowering perennial; especially adapted for edging and rockery; pure white blossoms; April-May; 1 foot.25 Pkt. .10

***Alpina Rosea.** Bright rose flowers; very dwarf; 8 inches.1.00 Pkt. .25

ANTIRRHINUM (Snapdragon) SPECIAL FORCING VARIETIES

Bertha Baur (Novelty for 1933). A new lavender or orchid color; large spikes. Large pkt. only, \$3.00.

Sonny (Novelty for 1933). Clear bright pink; compact flower heads. Large pkt. only, \$3.00.

Cincinnati (New). Large flowering, fragrant light rose pink. Large pkt. only, \$2.00.

Lucky Strike (New). The best large flowering white to date; stems 3 to 4 feet long. Large pkt. only, \$3.00.

Allman's Pink. A decided improvement in this type; color is that of the Briarcliff Rose. Large pkt. only, \$2.00.

Beaupre Beauty. A splendid new forcing variety, of a rose bronze shade. Large pkt. only, \$2.00.

Happiness. Color, clear pink; flowers extra large. Large pkt. only, \$1.25.

Afterglow. Golden bronze. Large pkt. only, \$1.25.

Rose Queen. Dark pink. Large pkt. only, \$1.25.

Ceylon Court. Canary yellow. Pkt., 25c.; \$1.25 per large pkt.

Chapman's Pink. Pkt., 25c.; \$1.25 per large pkt.

Chapman's Yellow. Pkt., 25c.; \$1.25 per large pkt.

Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, \$1.25.

Cheviot Maid. Clear pink. Pkt., 25c.; \$1.25 large pkt.

Geneva Pink. Glistening rose pink. Pkt., 25c.; \$1.00 per large pkt.

Golden Pink Queen. Pkt., 25c.; \$1.00 per large pkt.

Helen. Lovely salmon color. Large pkt. only, \$1.25.

Jennie Schneider. True pink Columbia rose color. Pkt., 25c.; \$1.00 large pkt.

Judd's Early Dark Pink. Pkt., 25c.; \$1.25 large pkt.

Judd's Early Light Pink. Pkt., 25c.; \$1.25 large pkt.

Orlando. Beautiful bronze color. Pkt., 25c.; 75c. per large pkt.

Philadelphia Pink. Pure pink. Pkt., 25c.; 75c. per large pkt.

Philadelphia Pink. Orig. stock. Large pkt., \$1.25.

Roman Gold. Deep golden yellow, suffused pink. Pkt., 25c.; \$1.00 per large pkt.

Silver Pink (Ramsburg's). Flowers large. Pkt., 25c.; 75c. per large pkt.

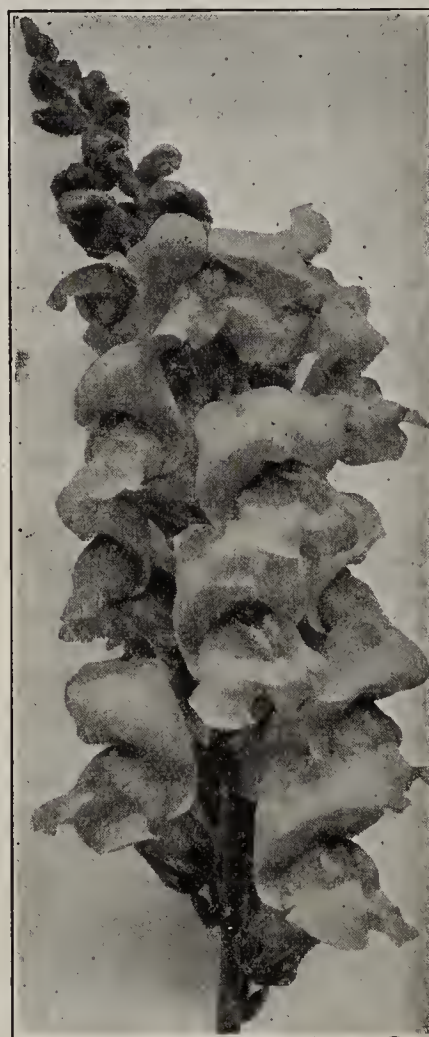
Improved Sunburst. Color of Sunburst Rose. Pkt., 25c.; \$1.25 per large pkt.

White Rock. An extra early, pure white. Pkt., 25c.; \$1.00 per large pkt.

Special Forcing Mixed. A choice blending of colors. Pkt., 25c.; 75c. per large pkt.

*ANTIRRHINUM, ROCK HYBRIDS

Very early flowering, the plants are of dwarf, compact growth and especially adapted for growing in Rock Gardens. Choice mixed colors. Pkt., 25c.; 75c. per large pkt.



Antirrhinum, Maximum

AQUILEGIAS OR COLUMBINES

Beautiful spring and early summer flowers; very effective in the herbaceous border and among shrubbery; graceful spurred flowers on stems 2 feet above the fern-like foliage.



Aquilegia, Long Spurred

***Alpina**. Blue and white; fine for rock gardens; 18 inches. Pkt., 10c.; 60c. per large pkt.

Californica Hybrida. Mixed colors; long spurs. Pkt., 10c.; 60c. per large pkt.

Canadensis. The scarlet and yellow native species. Pkt., 10c.; 60c. per large pkt.

Chrysantha (Golden Spurred). Bright golden yellow. Pkt., 10c.; 50c. per large pkt.

Coerulea (Rocky Mountain Columbine). Large flowers, violet-blue and white. Pkt., 10c.; 60c. per large pkt.

Nivea Grandiflora. A beautiful large pure white. Pkt., 10c.; 40c. per large pkt.

Rose Queen. Pink, white center, yellow anthers. Pkt., 15c.; 75c. per large pkt.

Double Mixed. All colors.....oz., 90c. \$0.25 \$0.10
Single Mixed. All colors.....oz., 75c. .25 .10

LONG SPURRED VARIETIES

An extra fine strain producing large flowers, varying in color through many shades.

Blue Shades.....oz., \$0.75 \$0.25
Orange and Scarlet Shades......75 .25
Pink and Rose Shades......75 .25
Snow Queen. Pure white......75 .25
Mrs. Scott Elliot's Select Strain. Choice mixed.. .85 .25
Hybrids. Mixed colors......60 .10

ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings, with deep pink flowers; 2 feet......40 .10
***Lauchiana**. Flowers bright rosy red; a good perennial rock plant; 6 inches......60 .15

ASCLEPIAS (Butterfly Weed)

Tuberosa. Showy perennial; brilliant orange scarlet flowers; 2 feet......75 .15

ASPERULA (Woodruff)

Odorata. A pretty hardy perennial, thriving in partial shade; flowers white; 1 foot; May......30 .10

PERENNIAL ASTER

(Michaelmas Daisy)

One of the showiest of our late flowering, perennial plants; star-like, single flowers.

Choice Mixed. Many beautiful shades; 3 feet.....\$0.60 \$0.10

ASTER ALPINUS

***Alpinus**. Purple with large yellow center; 1 foot..\$0.60 \$0.15
***Alpinus Albus**. White with large yellow center; 1 foot......60 .15

AUBRIETIA (Rainbow Rock Cress)

***New Large Flowering Hybrids**. A lovely spring flowering perennial rock plant; produces masses of brilliant colored flowers in an excellent mixture; 6 inches.....\$0.75 \$0.15

AURICULA (Primula Auricula)

Large pkt. Pkt.

Choice Mixed. Early spring flowering plants for borders, pot culture, etc.; half hardy perennial; 6 inches; May.....\$0.75 \$0.10

BABY'S BREATH. See Gypsophila

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant, 2 feet high; spikes of dark blue, pea shaped flowers in June and July......50 .10

BELLIS PERENNIS. See Daisy

BOCCONIA (Plume Poppy)

Cordata. Hardy perennial; spikes 2 to 3 feet long of creamy white flowers; 5 feet......25 .10

BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches. Large pkt. Pkt.
Elata Coerulea. Sky-blue flowers.....\$0.30 \$0.10
Speciosa Major. Large flowers of brilliant ultramarine blue..... 1.00 .20

CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers.

Large pkt. Pkt.

Albert Kent Hybrids. A splendid English variety for either greenhouse or outdoor culture; flowers medium in size and produced in large graceful clusters in an excellent mixture.....\$1.75 \$0.50
Hybrida Grandiflora Tall Mixed. Large, self-colored flowers from a choice collection; 18 inches.. .85 .25
Hybrida Grandiflora Pumila Compacta. Of dwarf, compact growth; immense trusses of large self-colored and spotted flowers; 1 foot......85 .25
Rugosa Mixed (Shrubby). Small flowering varieties for bedding......85 .25

CAMPANULA MEDIUM (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers.

Single Blue.....oz., \$0.75 \$0.25 \$0.10
" **Pink**......75 .25 .10
" **White**......75 .25 .10
" **Mixed**......60 .25 .10
Double Blue......50 .10
" **Pink**......50 .10
" **White**......50 .10
" **Mixed**..... 1.50 .40 .10

CAMPANULA MEDIUM CALYCANTHEMA

(CUP AND SAUCER CANTEBURY BELLS)

These produce large single flowers resembling a cup and saucer.

Blue.....oz., \$0.50 \$0.10
Lilac......50 .10
Pink......50 .10
White.....\$0.50 \$0.10
Mixed, 1/4 oz., 60c. .40 .10

CAMPANULAS OR BELLFLOWERS

(PERENNIAL VARIETIES)

Well known hardy herbaceous perennials, bearing a profusion of beautiful bell-shaped flowers.

Large pkt. Pkt.

***Carpatica** (Carpathian Hare Bell). Flowers clear blue; fine for edging; 6 inches; June and July....\$0.40 \$0.10
***Carpatica, Alba**. Pure white......40 .10
Latifolia Macrantha. Large purplish blue flowers; 2 feet......60 .10
Persicifolia Grandiflora (Peach Bells). Blue; spikes 4 feet tall with bell-shaped flowers......60 .15
Persicifolia Grandiflora, Alba. Pure white......60 .15
Pyramidalis (Chimney Bell Flower). Perfect pyramids 4 to 6 feet high, with large bell-shaped flowers, blue and white mixed......40 .10

CANDYTUFT (Iberis)

***Gibraltarica**. Perennial; lilac shading to white... .40 .10
***Sempervirens**. Dwarf spring flowering perennial; flowers glistening white; fine for rockeries; May; 1 foot......60 .10

CARNATION

General favorites for their richness of color and delightful fragrance; desirable for greenhouse culture in winter as well as for the garden in summer.

	Large pkt.	Pkt.
Rasse Teicher. A new annual European variety, extra large blooms; excellent for cutting; choice mixture.....	\$1.00	\$0.25
Chabaud's Everblooming, Jeane Dionis. White.....	.60	.15
" " Sparkler. Cardinal red.....	.60	.15
" " The Pearl. Rose pink.....	.60	.15
" " Choice Mixed.....	.50	.15

CARNATION (PERENNIAL VARIETIES)

The Grenadin carnation is a splendid early blooming, large flowering type; fine for cut flowers.		
	Large pkt.	Pkt.
Grenadin Black King. A fine dark red.....	\$0.75	\$0.25
" Cardinal. Brilliant scarlet.....	.75	.25
" Triumph Pink. Pure rose pink.....	.75	.25
" White. Snow white.....	.75	.25
" White Gold. Soft yellow.....	.75	.25
" Mixed.....	.60	.25
Double Border. Dwarf fine mixed.....	.50	.10
Early Vienna Mixed. Large double flowers.....	.50	.10

CENTAUREA (Perennial)

Montana (Hardy Cornflower). Large, feathery blue flowers; splendid for cutting; 2 feet.....	.30	.10
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CERASTIUM (Snow in Summer)

*Tomentosum. Dwarf, white-leaved edging plant; small white flowers; perennial; 4 inches.....	.50	.10
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CHRYSANTHEMUM (Perennial)

	Large pkt.	Pkt.
Japonicum, Geisha. New single flowering, mixed colors ($\frac{1}{8}$ oz., \$2.00).....	\$1.00	\$0.25
Japanese Hybrids. Large flowers of the finest types.....	.75	.15
Colossal Queen. Extra large, pure white.....	.40	.15
Early Flowering, Double and Semi-Double. Very showy; excellent for cutting; 1 foot.....	.75	.25
King Edward VII. Flowers extra large, pure white.....	.30	.10
Shasta Daisy, "Alaska." Extra large, single white flowers on long stems; 2 feet.....	.40	.10

CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our strains cannot be surpassed; immense trusses of large flowers.

CREMER'S PRIZE STRAIN (Wilt Resistant)

This new strain is the result of a cross between Multiflora Nana, Hybrida Grandiflora and Stellata; the flowers are larger than the Multiflora; plants compact, with small leaves. Large pkt. only, \$3.00.

MULTIFLORA "WEISSENSEER" (White Sea)

A new variety with flowers almost twice the size of the regular Multiflora strain; in color, a splendid range of blue, rose and white shades, with white zone centre. Large pkt. only, \$1.00.

MULTIFLORA GRANDIFLORA MAXIMA

Flowers extra large, measuring 2 to 3 inches in diameter and produced in quantities of 100 blooms and over to a plant; mixed colors only. Pkt., 50c.; \$1.00 per large pkt.

MULTIFLORA NANA (Berlin Market Strain)

Very dwarf and compact; flowers of large size, produced in great profusion and in a range of the best colors and shades.

	Large pkt.	Pkt.
Azure Blue	\$0.85	\$0.50
Dark Blue.....	.85	.50
Dark Red.....	.85	.50
Rose.....	.85	.50
Mixed Colors.....	.85	.50

CINERARIA, GRANDIFLORA PRIZE

	Large pkt.	Pkt.
Dwarf. Mixed colors.....	\$0.85	\$0.35
Medium Tall. Mixed colors.....	.85	.35
Matador. Large flowering scarlet.....	.85	.35
Stellata Hybrida (Star Cineraria). Tall mixed.....	.75	.25

CHEIRANTHUS

	Large pkt.	Pkt.
*Allionii (Siberian Wallflower). A biennial, but best treated as an annual; brilliant orange flowers.....	\$0.30	\$0.10

CHELONE

A very showy perennial bedding plant; June to August; 2 ft.

	Large pkt.	Pkt.
Hybrida Torreyi. Brilliant scarlet.....	\$0.40	\$0.10
Hybrida Mixed. Various colors.....	.40	.10

CLEMATIS

Paniculata (Japanese Virgin's Bower). The beautiful autumn-flowering variety, admired for its fragrant, white star-shaped flowers; perennial climber.....	.25	.10
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COREOPSIS

One of the most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting.

	Oz.	Large Pkt.	Pkt.
Lanceolata Grandiflora. Golden yellow.....	\$0.50	\$0.25	\$0.10
Lanceolata Grandiflora Fl. Pl. (Double Flowering Coreopsis). Flowers double and semi-double; splendid for cutting.....		.40	.10

CYCLAMEN

Beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 seeds	Pkt.
Orange Beauty (Novelty). Orange vermillion.....	\$3.00	\$0.50
Bonfire (Novelty). Brilliant scarlet.....	2.50	.50
America. Salmon scarlet.....	2.50	.50
Bright Red	2.00	.50
Dark Blood Red	2.00	.50
Glory of Wandsbek. Salmon red.....	2.25	.50
Improved Salmon Rose	2.25	.50
Lavender. Bright lavender.....	2.00	.50
Mozart (Novelty). Deep pink.....	3.00	.50
Rose of Zehlendorf. Salmon pink.....	2.25	.50
Pure White	2.00	.50
Rose of Marienthal. Bright pink.....	2.00	.50
Safranin Red	2.25	.50
Salmon Purple	2.25	.50
White with Carmine Eye	2.00	.50
Mixed. All colors.....	2.00	.40



Cineraria, Multiflora "Weissenseer"

DAISY, ENGLISH DOUBLE (*Bellis Perennis*)

	Large Pkt.	Pkt.
* Monstrosa, Pink. These surpass all strains of this popular plant in strong, robust growth and in the abundance of extra large, perfectly double flowers..	\$0.60	\$0.25
* Monstrosa, Etna. Dark red.....	.75	.25
* Monstrosa, White......	.60	.25
* Monstrosa, Mixed......	.60	.25
* Double Mixed. Extra fine.....	.50	.10

DELPHINIUM (*Hardy Perennial Larkspur*)

One of the finest hardy perennials. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

	Large Pkt.	Pkt.
English Hollyhock (<i>Watkin Samuel's Wrexham Strain</i>). The finest large flowered type to date; immense spikes.		
Art Shades	\$1.25	\$0.50
Deep Blue Shades	1.25	.50
Light Blue Shades	1.25	.50
Selected Mixture (1/8 oz., \$1.50)	1.00	.50



Delphinium Blackmore and Langdon

DICTAMNUS (*Gas Plant*)

Showy, bushy perennials, 2 1/2 feet high; June and July.

	Large Pkt.	Pkt.
Fraxinella. Purple red flowers.....	\$0.60	\$0.10
Fraxinella Alba. Pure white flowers.....	.60	.10

DIANTHUS

	Large pkt.	Pkt.
Sweet Wivelsfield. An annual hybrid; a cross between Dianthus Alwoodi and Sweet William; produces a great variation of colors.....	\$0.60	\$0.25

DIANTHUS (*Hardy Garden Pinks*)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

	Large pkt.	Pkt.
* Alwoodi Alpinus. A perfect gem for the rock garden; 4 to 6 inches high; choice colors. (100 seeds, \$1.50).		\$0.75
* Plumarius Cyclops. Single perpetual Grass Pinks; assorted colors with blood red eye.....	\$0.40	.15
* Caesius (Cheddar Pink). Masses of pink flowers...	.40	.10
Clove Scented. Double and semi-double varieties in beautiful colors; fragrant.....	.50	.10
* Deltoides (Maiden Pink) Brilliant. Dwarf brilliant carmine.....	.60	.15
Double Scotch. Choice colors.....	.50	.10
Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William). Velvety crimson scarlet...	.30	.10
Pheasant's Eye. Single fringed; mixed... (oz., 75c.)	.25	.10
* Rock Garden Species. A special mixture of 25 rare varieties.....	.75	.25

DIGITALIS (*Foxglove*)

Ornamental hardy plants, succeeding almost anywhere; long spikes of beautiful, tubular-shaped flowers; 4 to 5 feet.

	Large Pkt.	Pkt.
Giant Shirley Mixed. A splendid giant strain, growing 3 to 5 feet high, with enormous spiked flowers.....	\$0.40	\$0.10
Gloxiniaeflora, Pink.	\$0.90	.30
" Purple......	.90	.30
" White......	.90	.30
" Mixed......	.75	.25
Grandiflora. Light yellow.....	1.25	.30
Maculata Superba. A beautiful spotted variety.....	1.25	.30
Monstrosa. Mammoth spikes; various colors.	1.25	.30

ECHINOPS (*Globe Thistle*)

Ritro. Hardy perennial with thistle-like leaves and round heads of steel blue flowers; 5 feet30	.10
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EDELWEISS (*Leontopodium*)

* Alpinum. A splendid perennial rock plant, with silvery white flowers.....	1.25	.25
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ERINUS

* Alpinus, Mixed. A fine spring blooming perennial rock plant.....	1.25	.25
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ERYNGIUM (*Sea Holly*)

A handsome ornamental perennial plant, with round heads of flowers, which can be cut and dried for winter bouquets.

	Large pkt.	Pkt.
Amethystinum. Metallic blue flowers; 3 feet.....	\$0.60	\$0.15
Planum. Pale blue; 4 feet.....	.25	.10

EUPATORIUM

Fraseri. A fine hardy perennial, thriving in almost any situation; feathery white flowers; excellent for cutting; 2 feet.....	.30	.10
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GAILLARDIA (*Blanket Flower*)

PERENNIAL VARIETIES

One of the most showy of hardy perennials, spikes of gorgeously colored flowers of immense size; fine for cutting.

	Large pkt.	Pkt.
Grandiflora Portola Hybrids. Colors range through shades of bronzy red with golden tipped petals.....	\$0.50	\$0.15
Grandiflora Tangerine. Giant orange flowers, overlaid with red.....	.60	.25
Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches.....oz., \$1.25	.30	.10
Grandiflora Sanguinea. Blood-red flowers; 2 ft...	.30	.10
Grandiflora Semi-Double. Mixed.....	.30	.10
Grandiflora Superba. Mixed; 2 feet...oz., 75c.	.25	.10

GENTIANA

Large pkt. Pkt.
***Acaulis** (*Blue Gentian*). Dwarf hardy perennial;
deep blue flowers; suited to moist, shady situations. \$0.75 \$0.10

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine-leaved daisy-like flowers; splendid for pot plants or cutting.

100 seeds Pkt.
Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. \$0.60 \$0.25

GEUM

Hardy perennial bearing large, double flowers all through the summer; fine for bouquets; 1½ feet. Large pkt. Pkt.

Atrosanguineum Fl. Pl. Dark crimson. \$0.50 \$0.10
Lady Stratheden. Golden yellow. .75 .25
Mrs. Bradshaw. Brilliant scarlet. .60 .15

GLOXINIA

Hybrida Grandiflora. An extra fine strain, embracing all the choicest self-colored and tigered and spotted flowers. .85 .25

GYPSOPHILA (Baby's Breath)

Paniculata. Hardy perennial variety; flowers in graceful sprays of white. .oz., 60c. .25 .10

Paniculata fl. pl. Double white flowers. .75 .20

***Repens**. A fine rockery plant, covered with tiny white flowers. .40 .10

***Repens Rosea**. Pinkish white flowers. .40 .10

HELENIUM (Sneeze Wort)

Autumnale Superbum. Perennial; large heads of golden yellow flowers; 5 to 6 feet. .60 .10

HELIANTHEMUM (Rock, or Sun Rose)

***Mutabile**. A very pretty perennial for the rockery; completely covered with masses of bloom from July to September; choice mixed varieties. .40 .15

HELIOPSIS (Orange Sunflower)

Pitcheriana. A handsome hardy perennial, producing an abundance of deep yellow flowers the entire summer; excellent for cutting; 3 to 4 feet. .25 .10

HEUCHERA (Coral Bells or Alum Root)

Sanguinea. Perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot. .75 .15

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders. Large pkt. Pkt.

Giant Mixed (*Mallow Marvel*). \$0.25 \$0.10

HOLLYHOCK

A popular and desirable hardy perennial; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

Triumph (New). A splendid type of branching habit; 4 to 5 feet high and flowering ten days earlier than the regular type; Oz. Large pkt. Pkt.
choice mixed colors. \$0.75 \$0.25

Double Newport Pink. Pure pink. \$2.25 .50 .10

Allegheny. Semi-double fringed, mixed. 1.25 .30 .10

Chater's Double Maroon. 2.00 .50 .10

" " **Pink**. 2.00 .50 .10

" " **Red**. 2.00 .50 .10

" " **Salmon**. 2.00 .50 .10

" " **White**. 2.00 .50 .10

" " **Yellow**. 2.00 .50 .10

" " **Mixed**. 1.50 .40 .10

Double Everblooming Mixed. 1.50 .40 .10

SINGLE HOLLYHOCK

Chamois. 1.50 .40 .10

Mauve. 1.50 .40 .10

Pink. 1.50 .40 .10

Rose. 1.50 .40 .10

Scarlet. 1.50 .40 .10

White. 1.50 .40 .10

Yellow. 1.50 .40 .10

Mixed. .75 .25 .10

INCARVILLEA

Large pkt. Pkt.
Delavayi (*Hardy Gloxinia*). A good plant for the hardy border; showy Gloxinia-like flowers; should be protected over the Winter; perennial; 2 feet. \$0.75 \$0.25

IRIS (Flowering Flag)

Kaempferi (*Japanese Iris*). Hardy perennial; very showy; blooms the second year from seed; mixed colors; 3 feet. .25 .10

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Showy hardy perennial climber; fine for covering walls, stumps, fences, etc. Excellent for cutting; 6 to 8 feet.

Oz. Large pkt. Pkt.

Crimson. Brilliant. \$1.25 \$0.30 \$0.10

Pink Beauty. Bright rosy-pink. 1.25 .30 .10

White. 1.25 .30 .10

Choice Mixed. All colors. 1.00 .25 .10

LAVENDER (Lavendula Vera)

Well-known perennial plant, bearing long spikes of fragrant blue flowers; 18 to 24 inches. 1.00 .25 .10

LIATRIS (Blazing Star)

Pycnostachys. A showy hardy perennial border plant, with long spikes of violet purple flowers; 2 feet. .60 .15

Scariosa. Flowers larger than the above; color, rose purple. .60 .15

LILY

Regale (*Lil. Myriophyllum*). Perfectly hardy and also excellent for forcing; flowers waxy white; very fragrant. .40 .25

LINUM (Flax)

Flavum. Perennial yellow Flax; 2 feet. .60 .15

Perenne. Hardy perennial variety, with bright blue flowers; 1½ feet. .oz., 75c. .25 .10

LOBELIA

Cardinalis (*Cardinal Flower*). Hardy perennial; tall spikes of showy cardinal red flowers. .75 .10

LUPINUS (Perennial Varieties)

Graceful spikes of pea-shaped flowers; excellent for cutting.

Large pkt. Pkt.

Polyphyllus. Salmon Queen (New). A beautiful variety in salmon shades. \$0.75 \$0.25

" **Blue**. .25 .10

" **Luteus**. Yellow shades. .50 .15

" **Moerheimi**. Pink and white. .40 .15

" **Roseus**. Pink. .30 .10

" **White**. .25 .10

" **Mixed**. .oz., 40c. .25 .10

" **New Hybrids Mixed**. .oz., \$1.75 .50 .10

LYCHNIS

Elegant hardy perennials of easy culture, excellent for massing in large beds or borders. Large pkt. Pkt.

Arkwrightii. Splendid hybrids; free flowering. \$0.50 \$0.25

Chalcedonica (*Rose Campion*). Fine scarlet cross-like flowers; 2 feet; July. .oz., 75c. .25 .10

Haageana. Brilliant large, orange, scarlet, pink and crimson flowers, in mixture; 1 foot; July. .50 .10

***Viscaria Splendens**. Bright rose red; 1 foot. .25 .10

LYTHRUM (Loose-Strife)

Roseum Superbum. A fine hardy perennial, producing spikes of rosy-pink flowers, from July to September; 3 feet. .25 .10

MIGNONETTE

Valuable for cutting on account of its fragrance; can be grown in pots for winter and early spring flowering. Large pkt. Pkt.

Michell's Colossal. Flower spikes often average 18 inches in length. \$0.75 \$0.15

MICHELL'S GIANT PANSIES

Seed may be sown any time in the autumn, the earlier the better, for early blooming the following spring.

PANSIES IN MIXTURE

	Large pkt.	Pkt.
Michell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched.....	\$1.25	\$0.50
Alpenglow. A fine range of cardinal red shades with dark blotches.....	1.00	.25
Lake of Thun (Ullswater). A distinct variety; color, marine blue with deep blue blotches.....	1.00	.25
Rhinegold. Deep golden yellow with black blotches on the three lower petals.....	1.00	.25
Roggli (Improved Swiss Giants). Flowers of large size and with overlapping petals, many brilliant colors and shades; excellent for greenhouse culture..... 1/8 oz., \$1.50	.75	.25
Michell's Giant Exhibition. Flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75.....	.75	.25
Giant Trimardeau. Very large flowering; all colors, mixed..... 1/4 oz., \$1.00	.40	.10
Mad. Perret. Early flowering; fragrant; especially rich in red shades..... 1/4 oz., \$1.00	.50	.25
Masterpiece (Frisled Pansy). Beautiful rich colors; petals curled or waved.....	.75	.25
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors. Per oz., \$11.00; \$3.25 per 1/4 oz., per 1/8 oz., \$2.00.....	.85	.50
Fine English Mixed. oz., \$1.50	.40	.10

GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	1/4 oz.	Large pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue.....	\$1.00	\$0.50	\$0.15
Giant Prize, Black Blue. Dark velvety....	1.00	.50	.15
Giant Prize, Emperor William. Ultramarine blue.....	1.00	.50	.15
Giant Prize, Hortensia Red. Scarlet.....	1.00	.50	.15
Giant Prize, King of the Blacks.	1.00	.50	.15
Giant Prize, Lord Beaconsfield. Violet...	1.00	.50	.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin..	1.00	.50	.15
Giant Prize, Snow Queen. Pure white....	1.00	.50	.15
Giant Prize, White, with dark eye.....	1.00	.50	.15
Giant Prize, Pure Yellow.	1.00	.50	.15
Giant Prize, Yellow, with dark eye.....	1.00	.50	.15
Giant Prize, Mrs. P. S. DuPont. Golden apricot with creamy tint, flushed salmon..	.75	.25	

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of Giant Pansies (not including Mrs. P. S. DuPont) for 75c.; or the whole 12 pkts. for \$1.40.

MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennial, succeeding best in moist, shady situations.

	Large pkt.	Pkt.
Alpestris Victoria. Of bushy habit, bearing large bright blue flowers; very fine; 6 inches.....	\$0.50	\$0.10
Eliza Fanrobert. Of strong growth, with clusters of large, bright blue flowers; 10 inches.....	.40	.10
Grandiflora Alba. Large white flowers; 8 inches...	.30	.10
Grandiflora Rosea. Large pink flowers; 8 inches..	.30	.10
Michell's Winter Flowering. The finest variety for forcing; long stems, deep blue flowers.....	.75	.15
Palustris Sempreflorens. Dwarf; blooms the entire season; deep blue.....	.50	.10
Ruth Fischer (Hybrida). Upright growing; bright blue flowers.....	.75	.25
Choice Mixed oz., 75c.	.25	.10

NEPETA

***Mussini.** A favorite perennial rock plant with blue gray foliage and pale mauve flowers; 9 inches..... .75 | .20 |



Michell's Swiss Giant Pansy

OENOTHERA (Evening Primrose)

Beautiful hardy perennials of easy culture; the plants continue in bloom throughout the summer.

	Large pkt.	Pkt.
*Missouriensis. A prostrate growing variety, with large, bright yellow flowers.....	\$0.75	\$0.15
Youngi. A showy variety, with large yellow flowers; 3 feet.....	.75	.15

PENTSTEMON (Beard Tongue)

Beautiful perennial plants for the hardy border.

Sensation. Large spikes of gloxinia-like flowers of brilliant colors; requires protection; 2 feet.....	.75	.15
New Hybrids, Mixed. Produces large spikes of handsome flowers; 3 feet.....	.50	.10

PHLOX (Hardy)

Decussata. Perennial plants 2 to 3 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring..... 1/4 oz., 75c.	.60	.10
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PHYSALIS (Chinese Lantern Plant)

Francheti. Dense bushes about 2 feet high, producing freely, bright, orange-scarlet, lantern-like fruits; perennial.....	.30	.10
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PHYSOSTEGIA (False Dragon Head)

A very pretty hardy perennial; dense bushes, bearing freely delicate tubular flowers; 3 to 4 feet; July-August.

	Large pkt.	Pkt.
Virginica. Pink.....	\$0.40	\$0.10
Virginica Alba. White.....	.40	.10

PLATYCODON (Japanese Balloon Flower)

One of the best hardy perennials; large bell-shaped flowers; excellent for borders or among shrubbery; 2 to 3 feet.

	Large pkt.	Pkt.
Grandiflorum. Blue.....	\$0.50	\$0.10
Grandiflorum Album. Pure white.....	.50	.10

POLEMONIUM (Jacob's Ladder)

A good hardy perennial, with bell-shaped flowers; 2 1/2 feet.

	Large pkt.	Pkt.
Coeruleum Blue. oz., 75c.	\$0.25	\$0.10
Coeruleum Album. White..... oz., 75c.	.25	.10

POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

	Large pkt.	Pkt.
Gold Laced. Flowers of brilliant colors, with distinct yellow edge.....	\$0.75	\$0.15
English Mixed. All colors.....	.60	.10

POPPY (Perennial)

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

	Large pkt.	Pkt.
Iceland (Nudicaule) *Alpinum Mixed. Dwarf		
Alpine variety; fine for the rockery; 8 inches	\$0.75	\$0.25
" El Monte (Novelty). A California introduction; flowers large; mixed colors	.75	.25
" Coonara Pink Shades. Beautiful pink art shades	.75	.25
" Orange Scarlet.	.40	.10
" White.	.40	.10
" Yellow.	.40	.10
" Single Mixed. 1/4 oz., 60c.	.30	.10
" Sunbeam. Splendid new shades in mixture.	.40	.15
Orientele. Extra large; deep scarlet	1/4 oz., 60c.	.40
" Mrs. Perry. Rich salmon pink	.75	.10
" Hybrids. Beautiful flowers of large size; mixed colors	1/4 oz., 60c.	.40

POTENTILLA

Mixed. A most effective perennial plant; flowers resemble Geum	.30	.10
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PRIMULA**FRINGED CHINESE PRIMROSE**

These are among our finest winter and spring blooming pot plants for decoration in the home or conservatory. Our seed has been grown for us by Primula Specialists and cannot be excelled for size and brilliancy of colors.

	Large pkt.	Pkt.
Michell's Prize Mixture. This mixture contains only the finest sorts selected from the best strains	\$.085	\$0.25

PRIMULA OBCONICA

Elegant plants for greenhouse or light window of dwelling house.

	Large pkt.	Pkt.
Fasbender. A new strain of the Gigantea type; giant deep crimson flowers	\$.085	\$0.50
Mueller and Mohnstein. Shades of crimson and rose	1.25	.50
Gigantea MONSTER. An extra large flowering strain of this popular Primula		
" Apple Blossom. Soft pink	1.25	.40
" Kermesina. Deep crimson	1.25	.40
" Deep Rose. Brilliant shade	1.25	.40
" Rosea. Pink	1.25	.40
" Rose Queen. Clear rose pink	1.75	.50
" Salmon Queen.	1.25	.40
" Mixed Colors.	1.25	.40
Grandiflora Hybrida. Mixed	.75	.20

PRIMULA, VARIOUS SORTS

Kewensis (Verbena Scented Yellow Primrose)	.75	.25
Malacoides (Improved Baby Primrose). Tall, graceful spikes of delicate lilac flowers	.75	.20
Malacoides Courtland Seedling. Lilac pink	1.00	.25
Malacoides Princess Patricia. Lavender pink	1.00	.25
Malacoides Pink Beauty. Deep rosy pink	.75	.25

HARDY PRIMROSE

*Japonica. Mixed colors	.75	.10
*Veris (English Cowslip). Mixed colors	.60	.10
*Vulgaris (English Primrose). Canary yellow	.75	.10

PYRETHRUM (Perennial)

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting.

	Large pkt.	Pkt.
Atrosanguineum. Dark red shades	\$.075	\$0.25
Roseum. Bright rose color; June; 2 feet	.60	.10
Uliginosum (Giant White Daisy). Large, single white flowers; September; 3 to 4 feet	.60	.10
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centers; June; 2 feet	.50	.10
Hybridum Double Mixed.	.75	.25

RUDBECKIA (Coneflower)

Newmani. Large yellow flowers with black center; perennial; very showy; 3 feet	.40	.10
Purpurea (Giant Purple Coneflower). Hardy perennial; reddish purple flowers, with dark brown disc	.40	.10

SCABIOSA (Perennial) Large pkt. Pkt.

Caucasica, Giant Hybrids (Isaac House Strain). A splendid improvement in the Caucasica type; colors range from light lavender to dark blue	\$.075	\$0.25
Columbaria Anthemifolia. A low growing variety; color a delightful shade of pink	.75	.25
Caucasica. Soft blue; 3 feet	.60	.10
Caucasica Alba. Pure white	.60	.10
Japonica. Flowers beautiful clear blue	.25	.10

SCHIZANTHUS (Butterfly Flower)

One of our finest annuals; useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

	Large pkt.	Pkt.
Garraway's Hybrids. Flowers large, with markings on a white, buff, rose, blue or purple ground	\$.060	\$0.25
Hybridus Grandiflorus. Compact plants, with flowers of many shades; 12 inches	.30	.10
Wisetonensis. Largely used as a pot plant for the house or conservatory; flowers range from white with yellow center to pink with brown center	.40	.10

SHASTA DAISY

Alaska. Pure white, extra large flowers; excellent for cutting; perennial; 2 feet	.40	.10
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MICHELL'S "DISTINCTIVE" STOCKS

The stock is one of the most popular and highly prized of our cultivated flowers; charming colors, delightful fragrance and of free blooming character. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

NEW GIANT DOUBLE EXCELSIOR**Column Type, Non-Branching**

This new type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, blooms about ten days earlier than Bismarck and produces a high percentage of doubles.

	Large pkt.	Pkt.
Light Blue.	\$1.00	\$0.25
Purple.	1.00	.25
Rose.	1.00	.25
Ruby. Rich dark ruby red	1.00	.25
Silvery Lilac.	1.00	.25
White.	1.00	.25

GIANTS OF CALIFORNIA**Santa Maria**

A new giant double pure white variety, of exceptional merit; giant flowers on a long flowering truss; of splendid branching habit; very desirable for cutting; will produce a very high percentage of doubles. Pkt., 25c.; \$1.00 per large pkt.

EARLY GIANT IMPERIAL STOCK**(Improved Bismarck)**

A splendid addition to the early forcing class; of tall, branching habit, 24 to 30 inches high and producing a very high percentage of double flowers which are very fragrant.

	Large pkt.	Pkt.
Antique Copper (New). Rich hellebore red	\$.075	\$0.25
Apple Blossom. Blush pink	.50	.25
Canary Yellow (Golden Ball)	.50	.25
Chamois. Ivory tinted old rose	.50	.25
Elk's Pride. An intense royal purple	.50	.25
Fiery Blood Red. Extra fine	.50	.25
Golden Rose.	.50	.25
Lavender.	.50	.25
Rose. Deep rose pink	.50	.25
White.	.50	.25
Mixed Colors.	.50	.25

SWEET WILLIAM (Dianthus Barbatu)

One of the finest hardy perennial plants; of easy culture, thriving in any good garden soil. The plants grow about 1 1/2 feet high, and are very effective in beds and borders.

	Large pkt.	Pkt.
Auricula Flowered. A beautiful class of "eyed" single varieties; all colors mixed	oz., 75c.	\$0.25 \$0.10
Single Crimson.	oz., 75c.	.25
" Newport Pink. Salmon pink	oz., \$1.50	.40
" Scarlet Beauty. Deep scarlet	oz., 1.50	.40
" Velvety Maroon.	oz., 75c.	.25
" White.	oz., 75c.	.25
" Mixed. All colors	oz., 50c.	.25
Double Mixed.	oz., 90c.	.25

WINTER FLOWERING SPENCER SWEET PEAS

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the Southern states.

NOVELTY VARIETIES FOR FALL 1933

Sensation (Duplex). We are proud to introduce this new winter flowering variety as an exceptionally fine novelty; the large duplex petalled flowers give the blooms the appearance of being double. Color, clear-toned, luminous Geranium pink, which is a new shade in the early varieties and excellent under artificial light; the flowers, usually borne in fours, are large and well placed. Pkt., 25c.; \$1.75 per ½ oz.; oz., \$3.00.

Eleanor Blue. Another good novelty in the new and popular Eleanor blue shade, a clear light blue with a silver sheen; flowers large, frilled and of perfect Spencer form, with fours predominating and pleasingly fragrant. Pkt., 25c.; \$1.50 per ½ oz.; oz., \$2.50.

Susanna. Large flowers of a rich carmine color, on long stems; an improvement over existing varieties in this color. Pkt., 25c.; \$1.50 per ½ oz.; oz., \$2.50.

NEW VARIETIES OF RECENT INTRODUCTION

	Pkt.	½ oz.	Oz.
Fragrance. This delightfully fragrant new variety is in our opinion superior to all other lavenders; color a clear lavender self; flowers extra large, on long stems.	\$0.25	\$0.75	\$1.25
Miss Annie Laurie. A splendid novelty in the richest tone of pure rose-pink ever introduced in a Sweet Pea. It has long stems with four large flowers. ....	.25	.75	1.25
Fascination. A wonderful early variety with the salmon rose-pink color of the famous late Hawlmark pink, plus the long, strong stem of the Early Jeanne Mamitsch. ....	.25	.60	1.00
Satin Rose. Color, an exquisite blend of rose and amber, with a touch of salmon. ....	.25	.60	1.00
Mitchell's Rose Wonder. A beautiful, clear rose-pink color on a light ground. ....	.25	1.00	1.75
Blue Bonnet. Color a fine deep blue, without the slightest trace of mauve. ....	.25	.60	1.00
Hope. The finest black seeded, pure white to date; flowers of mammoth size, well waved. ....	.25	.60	1.00
Lady Gay. Beautiful soft shrimp pink. ....	.25	.75	1.25
Peaches. A new shade of bright apricot rose, with a touch of lemon in the keel. ....	.25	.75	1.25
Valencia. A bright orange in color and absolutely sun-proof; stems long. ....	.25	.60	1.00
White Harmony. Black seeded; flowers pure paper white of grand substance. ....	.25	.60	1.00

GENERAL LIST

Amethyst. An early royal purple. ....	.15	.40	.75
Aviator. Dazzling crimson scarlet. ....	.15	.40	.75
Ball's Blue. Clear even blue. ....	.15	.40	.75
Ball's Orange. Intensive glowing orange. ....	.15	.60	1.00
Ball's Rose. Rich deep rose. ....	.15	.40	.75
Blue Bird. A charming shade of blue. ....	.15	.40	.75
Burpee's Orange. Clear glistening orange. ....	.15	.40	.75
Columbia. Salmon standard; white wings. ....	.15	.40	.75
Eldorado. Pure orange salmon. ....	.15	.40	.75
Flamingo. Orange and salmon. ....	.15	.40	.75
Florence Michell. An extra fine deep blue. ....	.15	.60	1.00
Giant Rose. Rich rose-pink. ....	.20	.40	.75
Glitters (Early Royal Scot). Fiery orange. ....	.15	.40	.75
Grenadier. Dazzling scarlet. ....	.15	.50	.90
Harmony. A beautiful clear lavender. ....	.15	.40	.75
Heatherbell. Mauve lavender. ....	.15	.40	.75
Jeanne Mamitsch. Rose-pink. ....	.15	.40	.75
Lavender King. Rich, deep lavender. ....	.15	.40	.75
Madonna. Giant white; black seeded. ....	.15	.40	.75
Majestic Rose. Deep, brilliant rose-pink. ....	.25	.60	1.00
Mrs. Herbert Hoover. Flowers clear blue. ....	.25	.40	.75
Pink Profusion. Rich pink. ....	.15	.40	.75
Rose Queen. Flowers of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose-pink. ....	.25	.75	1.25
Snowstorm (Improved). White; extra large. ....	.15	.40	.75
Zvolanek's Rose. Extra large; rose-pink. ....	.15	.40	.75
Mixed Colors. Winter Flowering Spencer. ....	.10	.30	.50

SWEET ROCKET (Hesperis)

Mixed. An excellent perennial, fragrant white and purple flowers in mixture; 2 to 3 feet. Large pkt. Pkt. \$0.25 \$0.10

THALICTRUM (Meadow Rue)

Very graceful perennial plants with finely cut foliage; excellent for the hardy border. Large pkt. Pkt.

Aquilegifolium. Columbine like foliage; feathery white flowers. \$0.60 \$0.10
Dipterocarpum. Rosy purple, with yellow anthers.75 .10

TRITOMA (Red Hot Poker)

Hybrida Mixed. A free blooming perennial.50 .10

TROLLIUS (Globe Flower)

Hybridus. Hardy perennial, with large, butter-cup like, bright yellow flowers; 2 feet. 1.00 .25

VALERIANA (Garden Heliotrope)

Hardy perennial border plants; large fragrant flowers, the odor resembling that of the heliotrope; 2 to 3 feet. Large pkt. Pkt.
Mixed Colors. \$0.25 \$0.10

VERONICA (Speedwell)

An elegant hardy perennial plant of easy culture and free flowering habit; of value as a cut flower or for the garden. Large pkt. Pkt.

Longifolia Subsessilis. Rich blue; 2 feet. \$0.50 \$0.10
***Repens.** A dwarf perennial rock plant; bright blue flowers; 4 inches.75 .25
Spicata. Bright blue; 18 inches.50 .10

VIOLA

Arkwright Ruby (New). Large flowering, bright rosy crimson with terra cotta shadings. 1.00 .50
Yellow Queen (New). Deep pure yellow; large flowering. 1.00 .50
Jersey Gem. Possesses the dwarf habit and continuity of bloom of the Viola Cornuta but is of more vigorous growth; color, rich violet; fragrant. 1.00 .50
Bosniaca (Johnny Jump-Up). Free bloomer; small leaves; purple flowers.60 .10

*VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form and while not quite as large, they bloom more profusely and for a longer time. Large pkt. Pkt.

Admiration. Dark blue. \$0.60 \$0.10
Apricot Queen. Apricot yellow, tinged orange. 1.00 .25
Mauve Queen. Lovely mauve color.60 .10
Perfection. Light blue.60 .10
Rose Queen. Compact habit, rosy pink flowers.75 .20
White Perfection. Large white.60 .10
Yellow Perfection. Golden yellow.60 .10
Mixed. All colors.50 .10

VIOLA, SCOTCH BEDDING

Produce larger flowers than Viola Cornuta.

Mixed Colors. 1.00 .25

VIOLET Sweet Scented (Viola Odorata)

Single Blue Czar. Dark blue.75 .10

WALLFLOWER

Half-hardy perennials of delicious fragrance, blooming early in the spring. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet. Large pkt. Pkt.

Double Brown. \$0.60 \$0.10
" **Yellow.**60 .10
" **Mixed.** All colors.60 .10
Early Flowering Double Mixed. An extra early variety, flowering from seed in 90 days.50 .10
Single Mixed. oz., 40c. .25 .10
Paris Extra Early Mixed. A single-flowering variety, which may be treated as an annual; 1½ ft., oz., 60c. .25 .10

FOR FALL PLANTING

Many of the most successful Rose growers prefer planting their Roses in the Autumn. We are now booking orders for strong two-year-old Field-grown budded plants, which will be ready for shipment just as soon as they are properly ripened by frost, which is usually late in October or early in November. Plants shipped in the dormant state take up but very little room and they may be safely shipped by parcel post. If there is danger of the ground freezing before the arrival of the plants, the space where you wish to plant them may be protected by a covering of leaves or other loose litter. When the plants arrive, plant them so that the bud is covered with at least one inch of soil; then make a mound of earth around the base of the plant about twelve inches high; by doing this all of the buds on the lower ends of the branches are covered with soil; this covering protects them from the alternate freezing and thawing which is so injurious. Early in the Spring, before growth starts—but after danger of severe frost is over, this covering of earth should be removed and the plants pruned.

Angele Pernet. A most unusual color in Roses. Long pointed buds opening into semi-double fragrant flowers of a coppery orange-yellow.

Betty Uprichard. Well formed medium sized flowers of a pleasing combination of colors, the inside of petals being salmon-pink, the outside carmine with copper and orange suffusion.

Briarcliff. A recent introduction which gives promise of a great future. The size, form, color, stem and foliage leave nothing to be desired. A glowing rose-pink in color with delightful fragrance.

Chas. K. Douglas. Fine long-pointed buds opening to large flowers of bright crimson-scarlet; slightly fragrant. A strong healthy grower.

Charles P. Kilham. Large, beautifully shaped blooms of brilliant orange-red, suffused with scarlet; slightly fragrant. Healthy foliage and a vigorous upright grower.

Dame Edith Helen. Shapely buds and substantial high centered blooms of clear pink, sweetly scented. A strong grower and very free flowering.

Duchess of Athol. The coloring of this new variety is uncommon and delightful, golden-orange flushed with peach-pink. A vigorous grower and free bloomer.

Duchess of Wellington. Intense saffron yellow changing to coppery yellow. Flowers large, moderately full, of the Killarney type, beautiful buds and delightfully fragrant. A superb yellow rose and a splendid grower.

Edel. A British introduction of exhibition quality, producing large beautifully formed flowers of ivory-white passing to pure white. A strong grower of uniform habit, very free flowering, opening in all weathers and delightfully fragrant.

E. G. Hill. A new red variety, which has gained great popularity as a Winter cut-flower, but is equally good for the garden. The color is a bright scarlet shading to a deeper red as they develop; high centered full double flowers; a vigorous grower and free flowering.

Etoile de France. Well formed buds that develop into full open flowers of red and soft velvet crimson, shading to vivid cerise. One of the very best and most dependable Roses of its color; needed in every garden.

Etoile de Hollande. Brilliant red flowers of large size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. A strong, vigorous and healthy grower; very free flowering.

Francis Scott Key. Large double flowers of rich crimson-red; a strong grower and very free flowering.

Gruss an Teplitz. This is a rose for everybody, being the most profuse blooming crimson rose in existence. The color is of the richest scarlet, shading to a velvety crimson; very fragrant. It will succeed under the most ordinary conditions, doing well where other roses fail.

Joanna Hill. A new yellow rose with large, long pointed buds, which open to large full, semi-double flowers of a clear yellow, with orange-yellow center. A vigorous, upright grower and profuse bloomer.

Jonkheer J. L. Mock. A favorite with hundreds of Rose lovers. The flowers are large and of more than ordinary beauty. The deep imperial pink on the outside of the petals and the shining silvery pink on the inside make a double colored bloom.

Julien Potin (Golden Pernet). Long pointed buds opening into large full flowers of a pleasing golden-yellow. A strong upright grower and profuse bloomer.

Kaiserin Augusta Victoria. An old variety but still one of the best, and it should be in every collection. In color it is a soft pearly white tinted with lemon.



Hybrid Tea Rose, Dame Edith Helen

Lady Alice Stanley. A rose that is admired by everyone, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple flesh on the inside.

Lady Ashtown. Extremely beautiful flowers of pale carmine-pink, shading to golden yellow at the base of the petals. The blooms are large, globular, and well formed, rather higher in the center than at the edge. Excellent for garden or greenhouse and a profuse bloomer all season until frost.

Lady Hillingdon. One of the best Tea Roses of its color, deep apricot yellow throughout. It varies from medium to large size and is very beautiful both in bud and in flower. The plant is hardy, a strong grower and very floriferous.

Mme. Butterfly. While this is a sport of Ophelia, it shows an even better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold. These flowers are in the ideal Rose form, of good texture and fragrance and are unusually enduring. The plant is free and fine in growth and habit.

Mme. Caroline Testout. One of the most popular and valuable bedding varieties; large globular flowers of bright satiny rose with brighter center. Strong vigorous grower; very free flowering and fragrant; particularly fine in Autumn.

Mevrouw G. A. Van Rossem. A beautiful rose with unique color combination, a blending of dark orange and apricot on a yellow ground with touches of bronze on the reverse of the petals. The flowers are sweet scented, large and of perfect form.

Mme. Edouard Herriot. This is the celebrated "Daily Mail" rose which has been so extensively advertised. In color it is coral red, shaded with yellow and bright rosy scarlet with yellow at the base, a wonderful combination of most pleasing colors.

Mme. Jules Bouche. Beautiful white flowers, sometimes shading to light blush in the center. One of the best white bedding Roses to date.

Price, any of the above, 75c. each; per doz., \$7.50; \$60.00 per 100.

This includes free delivery to any address in the United States.

6 Roses supplied at the dozen rate, 25 supplied at the 100 rate.

We strongly recommend Fall planting for Roses

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FOR FALL PLANTING

Miss Rowena Thom. Large, long pointed buds developing into perfect flowers; color, a blending of fiery rose and rosy mauve, together with old gold.

Mrs. Aaron Ward. A very free blooming variety of vigorous but compact growth. The flowers, which are of splendid form, are full double and are equally attractive when in full bloom as in the bud state. The color is distinct Indian yellow, which under certain conditions becomes yellow tinted white.

Mrs. Wakefield Christie-Miller. Large, globular, peony-flowered blooms of pearly blush, shaded salmon-pink, the outside of the petals being vermilion and rose, which lovely combination is not affected by the hottest sun. Plants strong, of erect and vigorous growth, and with a blooming habit taking it clear through the season and until late Autumn.

Pink Pearl. Brilliant cerise-pink, the base of the petals touched with gold, lighting up the flower wonderfully; the flowers are full double, of perfect form and very sweet scented.

President Hoover. A wonderful new rose with a splendid color combination, cerise-pink, flame, scarlet and yellow. Long pointed buds; moderately fragrant and free flowering.

Radiance. A Rose of American origin and to our mind one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the Summer when many other varieties are out of bloom; in color a beautiful even shade of pink. This Rose should be in every garden.

Red Radiance. A counterpart of Radiance, from which it is a "sport," possessing all of the good points of that valuable variety, but differing in color, which is bright cerise-red.

Rev. F. Page Roberts. Long-pointed, coppery red buds opening into golden-yellow flowers, stained with red on the outside; fully double, very large and fragrant. A strong branching plant with good healthy foliage.

Rose Marie. One of the best bedding roses. It produces beautiful long buds which open into large flowers of perfect form and of a pleasing clear rose-pink in color.

Souvenir de Claudius Pernet. A most vigorous grower of erect branching habit; beautiful, brilliant green foliage; long pointed buds of exquisite shape, carried on long, stiff stems. Very large full flowers with elongated deep petals, a beautifully formed bloom. Color, a most striking sunflower yellow, deeper in the center without any color blending.

Souv. de Georges Pernet. A strong vigorous grower and free bloomer. The flowers are large; globular in form; color, Orient red shading to a cochineal-carmine at the end of the petals, the whole being suffused with a golden sheen.

Sunburst. A vigorous grower with erect or slightly spreading habit and dark bronzy foliage. The flowers are of medium size, full and of fine elongated cup form; color a superb cadmium-yellow passing to yellow-orange in the center.

Talisman. A new American rose of exceptional coloring; the outside of the petals is bright yellow, gold and pink; as the flower opens it becomes bright apricot, gold and rose-pink. The bud is long, pointed and opens into a full double flower. A strong grower with glossy foliage and very free flowering.

Ville de Paris. Pure yellow without a trace of any other color, standing up under all weather conditions; round buds and large globular flowers, somewhat similar to Radiance, fairly double and splendid for cutting.

Wilhelm Kordes. Unique and entirely distinct in color; a rich capucine red with coppery suffusion overlaying a golden-salmon ground, long pointed buds, opening to high centered, very fragrant flowers.

HARDY CLIMBING AND
RAMBLER ROSESTHE NEW HARDY EVERBLOOMING SCARLET
CLIMBING ROSE "BLAZE"

U. S. Plant Patent No. 10. A marvelous new hardy climbing Rose which inherits the blazing habit of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both of its parents.

It is a very vigorous grower and will produce flowers on both the old and new growths. A Rose that will become very popular. Strong two-year-old plants, \$2.00 each.

THE NEW DAWN

The Everblooming Dr. Van Fleet. A sport from Dr. Van Fleet which is acknowledged to be the best and most popular American Climbing Rose. This new variety is identical in every way with the parent in size, formation of flowers and color, but flowers continuously during the entire season. Strong two-year-old plants, \$1.50 each.

American Pillar. The large single flowers are a lovely shade of cherry pink with a clear white eye surrounding numerous golden yellow stamens.

Aviateur Bleriot. A strong growing plant with beautiful glossy insect and disease proof foliage, bearing large clusters of medium sized double flowers of a saffron yellow color.

Bess Lovett. Resembles Climbing American Beauty in shape of flower, but much brighter in color, being a clear bright red, double, full cupped form and of notable lasting quality.

Chaplin's Pink Climber. A striking novelty, similar in size and form to Paul's Scarlet Climber but in color a rich lively pink.

Christine Wright. A beautiful rose of strong climbing habit, producing double flowers 3 to 4 inches in diameter, singly and in clusters, of a wild rose pink.

Climbing American Beauty. The name of this rose is rather misleading, yet on its own merits it is a splendid climber. It has but one blooming season, June, when it bears very abundantly; a very bright self-colored, medium pink flower.

Dr. W. Van Fleet. One of the most important climbing roses, having perfectly formed buds, long and pointed, deep pink in color and very solid. The full blown flowers are very large, borne on long stems, fragrant and fine for cutting.

Dorothy Perkins. Beautiful shell pink, fragrant and full, blooming in clusters in June. This is a very good rose for covering stone walls, fences, embankments and arbors.

Emily Gray. The buds are long and pointed, of splendid shape; in color a beautiful light orange-yellow, changing to pale orange as they expand.

Jacotte. A wonderful new yellow climbing Rose with bright glossy green foliage and sweet scented orange-yellow flowers. \$1.00 each.

Mme. Gregoire Staechelin. The new climbing Rose from Spain; gorgeously colored and exquisitely perfumed; its color is iridescent, pearl-pink with claret-carmine markings on the outer petals. Perfectly hardy, grows 12 feet or more in height and has large disease-resistant foliage.

Paul's Scarlet Climber. No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

Primrose. A real hardy yellow rambler, in color a light primrose-yellow, holding this color until the petals drop. The flowers are about 2½ inches in diameter and are borne in trusses of from two to five on long stems. The plant is of vigorous climbing habit, with dark healthy foliage and is very free flowering.

Silver Moon. An indispensable hardy climber having long well shaped buds, creamy yellow on first appearance, opening into immense Clematis-like flowers of a waxy whiteness. The center is a mass of bright yellow stamens, making a wonderful contrast.

White Dorothy. A handsome pure white sport from the old favorite Dorothy Perkins, and it has all of the finer qualities found in that charming variety.

Prices on any of the above Roses (except where noted), 75c. each; per doz., \$7.50; \$60.00 per 100.

This includes free delivery to any address in the United States.

6 Roses supplied at the dozen rate, 25 supplied at the 100 rate.

Year by year these old-fashioned hardy flowers are gaining favor, and deservedly so, as there is not a time during the whole flowering season when some variety is not in bloom; they are especially valuable during the late Summer and Autumn, when there are but few shrubs in bloom. From early April they continue with constant changing variety throughout the Summer and Fall, when they are stopped only by severe freezing weather. Hardy Perennials appear year after year, and as each variety has a fixed time for blooming, a selection can be made that will give flowers to cut from early Spring until late Fall. The most satisfactory arrangement is to plant them in a border, which can be made in front of a hedge, fence or wall, or in the open garden; the soil should be dug to a depth of 18 inches or two feet, pulverizing it thoroughly and working in a liberal quantity of well-decomposed stable manure or other fertilizer. The plants should be placed in groups of three or more of one variety together, the taller growing sorts at the back, the medium heights in the center and the dwarf varieties in front; they should also be placed so as to have some flowers in all parts of the border at all times. This can easily be arranged by referring to our descriptions as to the time of flowering. Our book on "The Hardy Flower Garden" is an instructive publication, and can be had free on request. We offer only such varieties as can be planted in the Autumn.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply plants of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter.



Achillea, Boule de Neige

ACHILLEA (Milfoil or Yarrow)

Filipendulina (*Fern-leaved Yarrow*). Finely cut foliage and brilliant yellow heads of flowers, lasting in full beauty all Summer; 4 to 5 feet.

Millefolium Cerise Queen (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

Ptarmica Boule de Neige (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centers, making it appear purer in color.

—**The Pearl**. A mass of double pure white flowers throughout the entire Summer. The strong, erect stems make it one of the best Summer flowers for cutting.

Tomentosa (*Woolly Yarrow*). Handsome cut foliage with bright yellow flowers. June; 12 inches.

Price, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ACONITUM (Monkshood or Helmet Flower)

Fischeri. A dwarf variety growing 18 inches high, with large pale blue flowers in September and October.

Spark's Variety. The darkest blue of all; flowers in June; 3 feet.

Wilsoni. Tall growing; very late Fall; violet-blue flowers.

Price, 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$20.00.

AETHIONEMA (Lebanon Candytuft)

Persicum. Beautiful shrubby alpines of spreading habit. Rose colored flowers from May until August; suitable for the border or rockery. 3 for \$1.00 (by P. P., \$1.10); \$3.50 per doz.

AGROSTEMMA (Rose Campion)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers produced during June and July. **Coronaria** (*Mullein Pink*). Bright rosy crimson; 2½ to 3 feet. **Coronaria Alba**. A pure white variety.

Price, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ALYSSUM (Gold Dust or Basket of Gold)

Saxatile Compactum. An excellent low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden yellow flowers. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ANCHUSA (Sea Bugloss)

Italica "Dropmore Variety." Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue Forget-me-not-like flowers in June; showy and valuable. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

Myosotidiflora. A distinct dwarf variety from the Caucasian Mountains, with clusters of pretty blue Forget-me-not-like flowers in May; 1 foot. 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$20.00.

ANEMONE

Pulsatilla (*Pasque Flower*). An interesting plant for the rockery or border, producing violet or purple flowers during April and May; 9 to 12 inches. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ANTHEMIS (Marguerite)

Tinctoria. One of the most satisfactory Summer cut flowers, producing golden-yellow, daisy-like flowers during the entire Summer. Plant is of bushy habit, growing about 18 in. high. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

AQUILEGIA (Columbine)

For Spring blooming these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their attractive foliage, during May and June. For rockery gardens, semi-shaded places or in hardy borders they are very effective.

Michell's Long-Spurred Hybrids. This is the most admired type of Columbines. The flowers are of the largest size with good long spurs and we offer them in separate colors, blue, pink, red and orange and pure white.

Canadensis (*Common American Columbine*). The native bright red and yellow variety and one of the brightest.

Chrysantha (*Golden Columbine*). Bright yellow, long-spurred flowers.

Coerulea (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

Mrs. Scott Elliott Hybrids. The world's finest strain, consisting of the most wonderful colors, with very long-spurred flowers.

Nivea Grandiflora. A fine white; strong growing and very free flowering.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long-spurred flowers.

Price of Aquilegias, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ARABIS (Rock Cress)

Alpina. One of the most desirable of the very early Spring flowering plants that are especially adapted for edging and for the rock garden, but do equally well in the border, forming a dense carpet, completely covered with pure white flowers. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants succeeding in any soil; evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems, from 9 to 12 inches high. They flower more or less continuously from early Spring until late in the Fall. Very useful in the rockery.

Lauchiana Rosea. Bright rose. **Maritima.** Pale pink.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ARTEMISIA

Abrotanum (*Old Man*, or *Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Silver King. A new variety with beautiful, bright silvery foliage, which can be cut and dried, and which will retain its silver color all Winter.

Stelleriana (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

Lactiflora. A variety of great merit; flowers white, in much branched panicles; very fragrant; 4 feet; Aug., Sept.

Pedemontana. A handsome variety with finely cut silvery foliage.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ASCLEPIAS (Butterfly Weed)

Tuberosa. Showy native plants, about 2 feet high, producing brilliant orange-scarlet flowers during July and August. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HARDY ASTERS**FALL FLOWERING VARIETIES**

Anita Ballard. Light Lobelia blue, shading to lighter center. Early and free. 3 feet.

Autumn Beauty. An exquisite shade of light blue; very large flowers, commencing to bloom in the late summer and continuing almost up to frost time; height, about 4 feet.

Barrs Pink. A strong, vigorous grower, forming shapely plants from four to five feet high with beautiful pink flowers.

Blue Gem. Large, rich violet-blue; 3 feet.

Glory of Colwall. A splendid improvement on the variety Beauty of Colwall; good sized, nearly double ageratum blue flowers; free flowering; 2½ feet; September and October.

Miss Eisele. Very large flowers of a beautiful lavender blue; one of the best. 3 feet.

Novae Angliae. Bright violet purple; 4 feet.

Novi Belgii Climax. Of strong, vigorous habit, 5 feet high; branched pyramidal-shaped flower stems; lavender-blue flowers. August-October.

Perry's White. A strong grower whose branches in the early Autumn are literally covered with large white flowers with a golden center; 4 feet.

Queen Mary. The best of the Novi Belgii type, graceful flowers, 2½ inches in diameter, arranged loosely in branching panicles of a particularly pleasing blue, tinted lavender; 3½ feet.

Roseum Superbum. This is one of the best hardy Asters we have ever seen. The color is almost red; profuse bloomer.

Sam Banham. Very large and graceful pure white flowers. One of the earliest to bloom; 3 feet.

St. Egwin. Densely branched, producing beautiful pink flowers; 3 feet; September.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

DWARF ALPINE ASTERS

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

Alpinus Albus. Pure white flowers.

Sub-coeruleus. Forms a dense tuft of leaves from which spring many leafless stems 12 inches high, bearing in June and July large bluish-violet flowers.

Price of Alpine Asters, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

JAPANESE HARDY ASTER

Mauve Cushion. A distinct species. Forms a circular cushion-like plant, rarely exceeding 9 inches in height. Flowers of delicate, soft mauve, and produced in such lavish profusion as to completely cover the plant; November. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ASTER FRIKARTI (Wonder of Stafa)

A new ever-blooming perennial, blooms from June until frost. Flowers of a clear azure-blue about 3 inches in diameter on long stems. 3 for \$1.00 (by P. P., \$1.10); \$3.50 per doz.



Hardy Aster, Roseum Superbum

ASTILBE ARENDSI

The plants are of vigorous growth, 2½ to 3½ feet high. They prefer a half-shady, moist position in any ordinary garden soil. **Amethyst.** Well-branched spikes of deep violet-purple; end of June; 3 feet.

Deutschland. Beautiful trusses of snow-white flowers.

Gloria Superba. Deep rose-pink flowers; very showy.

Kriemhilde. A new variety with feathered spikes of salmon-pink flowers; fine for cutting and very attractive in the garden.

Peachblossom. A beautiful peach-blossom pink. A very compact grower and very free flowering.

Pink Pearl. Dense panicles of small pearl-like flowers; delicate light pink.

Rhineland. The compact spikes of flowers are bright crimson shaded salmon.

Rose Pearl. Shell pink; an excellent variety for the garden.

Vesta. Very graceful plumes of light lilac-rose.

2 for \$1.00 (by P. P., \$1.10); \$5.00 per doz.

BOCCONIA**(Plume Poppy, or Tree Celandine)**

Cordata. 6 to 8 feet in height; flowers in terminal panicles, creamy-white color; July and August. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants; large single, Aster-like flowers. The plant is in bloom during the Summer and Autumn months, and its thousands of flowers, open at one time, produce a very showy effect.

Asteriodes. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of flowers next season. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

CENTAUREA (Hardheads or Knapweeds)

Of easy culture, delighting in an open, sunny position and producing a wealth of bloom, which not only makes a fine display in the border but is excellent for cutting.

Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

CAMPANULA (Bell Flower)

Showy perennial plants of special merit; some are tall, being suitable for borders; others are dwarf, for rockeries and edging. They delight in a good rich loam, preferring a semi-shaded place.

Calycanthemum (*Cup and Saucer*). These are biennials and last only one season, when planted in the Autumn. Pink, white and blue, each color separate; height, 18 inches; June-July.

Carpatica (*Carpathian Hare-bell*). A pretty compact growing variety with flowers of clear blue on erect wiry stems, from July until October. An ideal edging for the border or rockery.

— **Alba**. A pure white form of the above.

Medium (*Old-fashioned Canterbury Bells*). This is a biennial type, like the *Calycanthemum*, and will last only one season when planted in the Autumn. Flowers freely in June, July and August; grows 3 to 4 feet high. Blue, pink and white, in separate colors.

Persicifolia (*Peach Bells*). Bright blue flowers during June and July; 2 feet.

— **Alba**. A pure white form of the above.

Pyramidalis (*Chimney Bell Flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain blue flowers in August.

— **Alba**. Identical with the above, but pure white in color.

Any of the above, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

CERASTIUM (Snow-in-Summer)

Tomentosum. A desirable low growing plant with silvery foliage and white flowers in June; suitable for the rockery, sunny spots or for covering graves. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

CHELONE (Shell Flower)

Handsome perennial, growing about two feet high and bearing numerous spikes of large flower heads during the Summer.

Lyoni. Heads of showy purplish-red flowers. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

CHRYSANTHEMUM

Arcticum (*The Arctic Daisy*). One of the most attractive fall-flowering perennials; forms a rosette-like clump of pretty dark green foliage during the Summer, and early in the Fall sends up multitudes of large pure white flowers, which continue throughout October and frequently into November.

Coreanum (*Korean Chrysanthemum*). A remarkable new perennial variety from Korea, of ironclad hardness. Large white flowers, with golden center, often turning to a light pink in frosty weather; in bloom from October to December.

Shasta Daisy, Alaska. A decided improvement on the original variety; pure glistening white.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SHRUBBY CLEMATIS

Davidiana. A most desirable variety with fresh bright green foliage and bell-shaped flowers of deep lavender blue, during August and September; very fragrant. 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.

COREOPSIS

Lanceolata Grandiflora. Flowers rich golden yellow and of graceful form; fine for cutting. A few plants make a handsome display, either planted individually or in clumps; dozens of flowers are produced on a single plant and where quantity and quality are wanted *Coreopsis* should be planted; June till October. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

DIANTHUS (Garden Pinks)

For edging hardy borders, garden walks, or planted in rock gardens, these fill an important place. They are at their height of bloom in June.

Deltoides (*Maiden Pink*). A continuous flowering variety with pink flowers. Especially suited for rock work.

Deltoides Alba. White flowers.

Latifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). A splendid variety with brilliant crimson, double flowers. Blooms continuously during the entire season.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.



Michell's New and Modern Hybrid Delphiniums

DELPHINIUMS OR HARDY LARKSPURS

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Bellamosum. A dark blue form of *Belladonna* with which it is identical excepting in color, which is a rich deep blue.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

Chinense Album. A pure white form of the above.

Price, any of the above, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

Michell's English Hybrids. Unquestionably the finest strain of mixed hybrids offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only. 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$20.00.

NAMED VARIETIES OF MICHELL'S NEW MODERN DELPHINIUMS

	Each
Advancement . Color of striking beauty, rich mauve.....	\$5.00
Blue Queen . Azure blue with blackish brown center; single.....	1.50
Clive Greaves . Rich porcelain blue flowers of good form.....	5.00
Constance . A lovely blue single; with white eye.....	1.50
Countess Cowley . Light blue and mauve, with black eye; semi-double flowers of wonderfully fine form.....	3.00
Edward Bromet . The purplish blue ground is rich and the white eye extremely large; 5 feet.....	2.50
Glory . Mauve, shaded rose; 4 feet.....	1.50
Great Strides . Pale blue, shaded mauve, white eye.....	3.00
Happy Thought . Medium blue, shaded pansy violet; 5 feet.....	3.00
Mrs. A. J. Watson . Deep mauve shade with black center.....	2.00
Mrs. Norman Holden . Large semi-double flowers of mauve and blue with large black eye. A splendid variety; 5 feet.....	3.00
Mrs. Shirley . Lovely lilac mauve, white and sulphur eye.....	2.00
Mrs. Townley Parker . Sky-blue single, white eye.....	1.50
Norah Phillips . Deep blue and purple; 6 feet.....	5.00
R. A. Pilkington . Rich violet, edged dark blue; eye is brown and spike well formed; 5 feet.....	3.00
The Bishop . Bright royal blue, white center; 5 feet.....	3.00
The Shah . A deep rosy lavender self with dark eye; 5 feet.....	3.00
Watkin Samuels . Rich blue and mauve.....	5.00

MICHELL'S NEW DELPHINIUMS IN COLOR GROUPS

Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, Mixture. Price: \$1.50 each; doz., \$16.50; \$125.00 per 100.

DIELYTRA OR DICENTRA

(Bleeding Heart or Seal Flower)

Eximea (*Fringed Bleeding Heart*). A dwarf growing variety with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

Spectabilis. An old-fashioned favorite, its long sprays of graceful heart-shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. 3 for \$1.00 (by P. P., \$1.10); \$3.50 per doz. (by P. P., \$4.00); per 100, \$25.00.

DIGITALIS (Foxglove)

These will do well in semi-shaded spots; plants grow from 4 to 6 feet high; flower in June.

Giant Shirley. These are a genuine "Shirley" production of extraordinary size and vigor. The flower heads are over 3 feet long, crowded with large bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose, many attractively dotted with crimson and chocolate. We offer these in mixed colors only.

Gloxiniaeflora. White, pink, purple, each separate.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

DORONICUM (Leopard's Bane)

Excelsum. A very showy daisy-like flower of clear bright yellow, blooming in April and May; splendid for cutting. 3 for \$1.00 (by P. P., \$1.10); per doz., \$3.00; per 100, \$20.00.

ERYNGIUM (Sea Holly)

Amethystinum. The finely cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HARDY FERNS

Adiantum Pedatum (*Maidenhair Fern*). 12 inch.

Aspidium Acrostichoides (*Christmas Fern*). 12 inch.

Asplenium Filix Foemina (*Lady Fern*). 12-15 inch.

Cystopteris Bulbifera (*Bulblet Bladder Fern*). 24 inch.

Dicksonia Punctilobula (*Gossamer Fern*). 18 inch.

Onoclea Struthiopteris (*Ostrich Fern*). 24-36 inch.

—**Sensibilis** (*Sensitive Fern*). 12 inch.

Osmunda—Cinnamomea (*Cinnamon Fern*). 24 inch.

—**Claytoniana**. 24 inch.

Woodsia illyensis. Excellent for rock-work, requiring little soil and thriving best in the sunniest corner. 6 inch.

Price, any of above, large plants, 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00.

GAILLARDIA (Blanket Flower)

Beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower and are abundant from June until frost. Height, about 2 feet.

Grandiflora. Dark brown center, petals on the outer edge are yellow and the center is surrounded with a rich orange disc. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

GEUM (Avens)

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May to July.

Coccineum Mrs. Bradshaw. Twice the size of the old double scarlet with huge frilled petals, giving a full, double appearance. 6 to 10 inches.

Lady Stratheden. Exactly the same habit of growth as Mrs. Bradshaw, but producing large, double golden yellow flowers. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

GYPSOPHILA (Baby's Breath)

During August and September this is a mass of delicate flowers; they may be used as fresh cut flowers, also for a semi-everlasting effect; they keep for months without water.

Bristol Fairy. A distinct new double form, producing immense panicles of pure white, double flowers. Strong grafted plants. 3 for \$1.00 (by P. P., \$1.10); \$3.50 per doz.; per 100, \$25.00.

Paniculata. Feathery sprays of white flowers, useful for effects in bouquets. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HEUCHERA (Alum Root or Coral Bells)

Sanguinea. Bright crimson flowers borne in graceful sprays; excellent for cutting. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

GRASSES (Hardy Ornamental)

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

Elymus Glaucus (*Blue Lime Grass*). A graceful type; narrow silvery blue foliage; dwarf compact grower; height, 3 feet.

Erianthus Ravennae (*Plume Grass or Hardy Pampas*). Deep green, narrow foliage, growing about 10 feet high.

Eulalia Gracillima Univittata (*Japan Rush*). Graceful, narrow foliage, growing 5 to 6 feet high. Green with silvery rib.

Eulalia Japonica Variegata. An attractive variety with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

Eulalia Japonica. Like the variegated variety, except that it is entirely green.

Eulalia Japonica Zebrina. Dark green foliage, cross marked horizontally golden yellow. One of the best of hardy Grasses.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 inches.

Pennisetum Japonicum (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet.

Prices of Hardy Grasses, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright, terra-cotta red; 4 feet.

Autumnale Superbum. Golden yellow flowers in late Summer and Fall; 5 to 6 feet.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

Riverton Gem. Old gold, changing to Wallflower red; August and September; 3½ feet.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HELIANTHUS (Hardy Sunflower)

Very effective in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during Summer until frost, which are splendid for cutting and decorative purposes.

Maximiliana. The latest of all, blooming profusely in October; the fine golden yellow flowers appear in long graceful sprays; splendid for cutting; 5 to 7 feet.

Multiflorus Fl. Pl. Large, double golden yellow; July-August; 4 feet.

Orgyalis. A tall variety bearing single yellow flowers of medium size during September; 6 feet.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HELIOPSIS (Orange Sunflower)

This genus is very similar to the Helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the Summer.

Pitcheriana. One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting; 2 to 3 feet.

Scabra Excelsa. Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; \$15.00 per 100.

HEMEROCALLIS (Yellow Day Lily)

Lily-like plants, flowering in great profusion during the Summer and making a fine cut bloom.

Dr. Regel. Handsome, rich orange-yellow flowers in May. Very fragrant and fine for cutting.

Flava (*Yellow Day Lily*). Deep lemon yellow flowers during June and July; very fragrant; 2½ to 3 feet.

Fulva (*Tawny Day Lily*). Trumpet shaped flowers; coppery orange shaded crimson; June and July.

Kwanse Flore Pleno (*Double*). Coppery red; July; 3 feet high. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

HIBISCUS (Mallow)

Giant Flowering. A wonderfully improved form of our greatly admired Marsh Mallows. They attain a height of 6 to 7 feet, have beautiful lacinated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors, red, pink and white. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

IRIS GERMANICA (Fleur de Lis) SUPERB NEW AND RARE VARIETIES

Allies (Vilmorin, 1925). Standards deep violet rose shaded copper, falls deep rich velvety red-purple. \$1.00 each.

Ambassadeur (Vilmorin, 1920). Overlapping standards dull purplish bronze; lovely flaring falls, deep velvety maroon; beard and styles yellow; 4 feet. 25c. each.

Aphrodite (Dykes, 1922). A pure, bright violet-pink self color, falls and standards being identical in tone. 50c. each.

Asia (Yeld, 1916). Standards pale silvery lavender, suffused yellow and gold at the base; falls pale reddish purple, lighter at the margin; beard bright golden-yellow; 4½ feet. 50c. each.

Ballerine (Vilmorin, 1920). Standards light violet-blue; falls a deeper shade than the standards. 3 to 4 feet. 25c. each.

B. Y. Morrison (Sturtevant, 1917). Standards pale lavender-violet; falls velvety raisin purple with broad lavender border, very distinct; 33 inches. 25c. each.

Canopus (Bliss, 1921). Standards light purple, arched; falls velvety prune purple. Very free flowering; 3 feet. 50c. each.

Cardinal (Bliss, 1922). Standards a distinctive shade of lavender overlaid with rose; falls rich velvety prune purple of wonderful glossy texture. \$1.00 each.

Cecil Minturn (Farr, 1922). Uniform shade of cattleya rose. Free flowering; 2 feet. 25c. each.

Coppersmith (Shull, 1926). Standards crimson-purple, falls rich Dahlia carmine, producing a wonderfully rich copper-red velvet effect in the sun. 42 inches. \$1.00 each.

Coronation (Moore, 1927). A beautiful rich golden-yellow without veining; does not fade. 44 inches. \$1.00 each.

Crusader (Foster, 1913). Standards light blue; falls deep violet blue with orange-yellow beard; 42 inches. 25c. each.

Dolly Madison (Williamson, 1927). Standards mauvette, shading to yellow at the base; falls broad and flaring, lilac haft maroon veined, bright orange beard. \$1.00 each.

Dream (Sturtevant, 1918). A clear, even pink, a delicate and beautiful Iris; 3 feet. 25c. each.

Frieda Mohr (Mohr, 1926). Standards light pinkish-lilac with deep lilac-rose falls; 48 inches. \$1.00 each.

George J. Tribolet (Williamson, 1926). A fine velvety blackish red-purple with a coppery suffusion. Flowers are large and borne freely on well-branched stalks; 40 inches. 50c. each.

Germaine Perthuis (Millet). Standards a pleasing shade of violet-purple, toned lighter; falls rich Bishop's violet. Enormous flowers on firm 3 ft. stems. \$1.00 each.

Glowing Embers (Sturtevant, 1923). Standards light brownish lavender; falls rich velvety pansy purple, orange beards and yellow netted hafts; 42 inches. 50c. each.

Gold Imperial (Sturtevant, 1924). Chrome yellow throughout except for orange beard; 33 inches. 50c. each.

Harriet Presby (Presby, 1922). A very tall rosy-violet, lighted with orange apricot reticulations on the haft; 4 ft. 50c. each.

Imperator (Cayeaux, 1923). Standards clear violet; falls deep velvety rose red. A wonderful garden variety, as the general effect is a deep rich red; 40 inches. 35c. each.

Jacqueline Guillot (Cayeaux, 1924). An enormous bloom on stout branching stems; color soft lavender violet with a lustrous surface. Prolific bloomer. 35c. each.

Lady Foster (Foster, 1913). Standards pale blue; falls light bluish violet, veined old gold; 40 inches. 25c. each.

Lord of June (Yeld, 1911). Standards lavender blue; falls rich violet blue. Fine fragrance. 25c. each.

Magnifica (Vilmorin, 1920). Standards light violet blue; falls dark reddish-violet with brown stripes at base; 4 feet. 25c. each.

Majestic (Bliss, 1924). Immense standards, light lavender to mauve, stained light bronze at the base. The falls are of a very rich velvety raisin purple in color; 3½ ft. tall. 25c. each.

Medrano (Vilmorin 1920). Rich rose purple, the falls encrusted with dark maroon, flecked with buff and lavender. 25c. each.

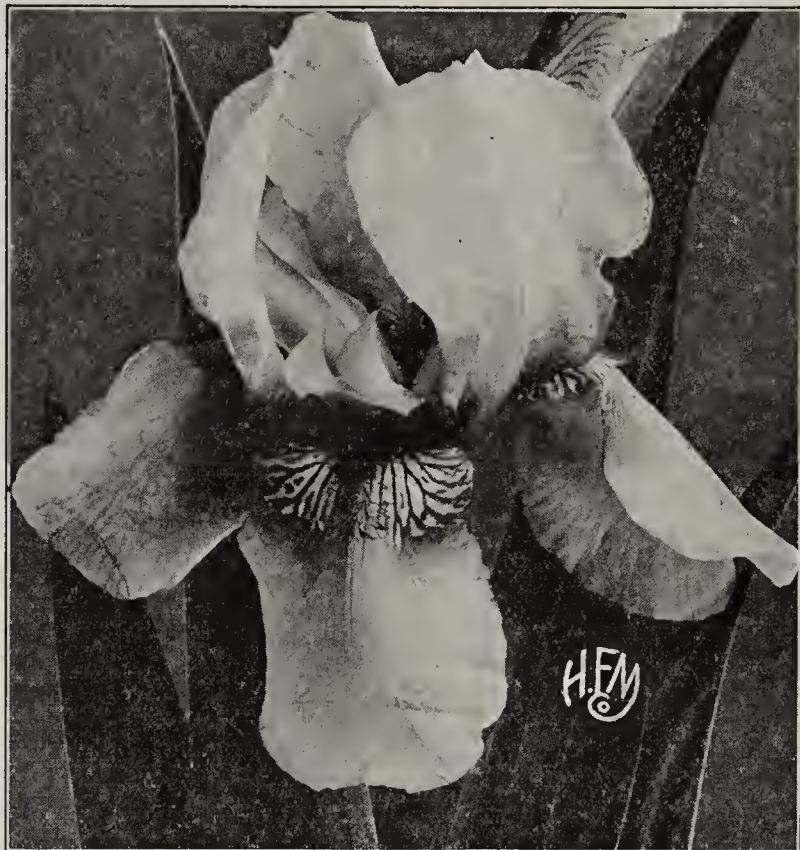
Mildred Presby (Farr, 1923). Standards white, faintly flushed pale, rosy lavender; falls dark velvety pansy violet with a very narrow edge of lavender white. 50c. each.

Moonlight (Dykes, 1923). Warm French gray, tinted blue, touched with green and yellow lights, broad lemon-yellow beard; scented; 36 inches. 50c. each.

Mother of Pearl (Sturtevant, 1921). Pale bluish lavender of exceptional substance and texture; 4 feet. 25c. each.

Morning Splendor (Shull, 1922). An exceedingly large deep claret-red of wonderful form and substance; 42 inches. 50c. each.

Mrs. Marion Cran (Perry, 1923). Brilliant bright rose. A huge fine-shaped flower of heavy substance on tall stout stems. The largest pink Iris and one of the best. \$1.00 each.



Iris Germanica

Ochracea (Syn, *Sunset*) (Denis, 1919). Fine form and substance; old gold flower with falls flushed blue. 25c. each.

Old Ivory (Sturtevant, 1924). A very soft creamy-yellow, as the name implies; the haft markings are cinnamon-brown. Flowers of fine form. 36 inches. 50c. each.

Opera (Vilmorin, 1916). Standards reddish lilac; falls purple violet, dark and velvety. 25c. each.

Pioneer (Bliss, 1924). Standards are large and incurved, bright red-purple; falls are very broad, of a deep, glowing red-purple, set off by bright orange beard; 3½ feet. 50c. each.

Primrose (Sturtevant, 1923). A beautiful self yellow of deep pure tone with fine finished flowers; 30 inches. 50c. each.

Princess Osra (Bliss, 1922). Color clear white, with standards flushed and dotted at the edges, forming a wide border of wisteria-violet; orange beard; 33 inches. 50c. each.

Prospero (Yeld, 1920). Standards pale lavender flushed with yellow; falls deep ruby-purple. 35c. each.

Queen Caterina (Sturtevant, 1917). A large iridescent pale lavender violet with yellow beard; 3 feet. 25c. each.

Santa Barbara (Mohr, 1925). Probably the finest pure lavender-blue; well branched stalk and vigorous growth. A very outstanding variety. 48 inches. 50c. each.

Seminole (Farr, 1920). Standards dark violet-rose; falls rich velvety crimson; brilliant orange beard; 2 feet. 25c. each.

Souv. de Leotitia Michaud (Millet, 1923). Standards lobelia blue shading to pale-blue; falls the same color, beautifully veined yellow. 48 inches. \$1.00 each.

Souv. de Mme. Gaudichau (Millet, 1914). A brilliant velvety black purple. Free blooming; 40 inches. 25c. each.

Susan Bliss (Bliss, 1922). A uniform shade of deep rose-pink. The flower is exquisitely shaped and of splendid substance, opening 3 or 4 at a time; 3½ feet. 35c. each.

Swazi (Bliss, 1922). Standards bluish-violet; falls velvety blackish-violet, the whole a very rich color; 42 inches. \$1.00 each.

Taj Mahal (Sturtevant, 1920). A very fine white having a smooth, lustrous texture; 3 feet. 25c. each.

Tropic Seas (Shull, 1924). A very deep blue-purple, illuminated conspicuously by a rich golden beard; 50 inches. 50c. each.

True Charm (Sturtevant). Blooms white with margins delicately etched with blue-lavender; 40 inches. 50c. each.

White Knight. A beautiful pure white Iris of fine form and delicately scented. 25c. each.

Wild Rose (Sturtevant, 1921). An adorable pink, having a smooth, satiny texture. 35c. each.

Yolande (Millet, 1923). Enormous dark velvety blue, of great substance and beautifully formed; 40 inches. 50c. each.

HOLLYHOCKS

(Double)

These thrive best in soil that is not too wet, which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the Winter with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plants in early Spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer the following colors in double flowering only (each separate):

Yellow, Crimson, Pink, White.
4 for \$1.00 (by P. P., \$1.10);
\$2.50 per doz.; per 100, \$15.00.

IBERIS

(Hardy Candytuft)

Sempervirens. Pure white flowers; 1 foot. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

IRIS GERMANICA

(Fleur de Lis, Flags)

CHOICE STANDARD

VARIETIES

Afterglow (*Sturtevant*, 1917). Misty lavender, lit with yellow at the center. Its name fits it perfectly, as it has the soft tints of the evening sky after the sun has disappeared; 3 to 5 feet.

Alcazar (*Vilmorin*, 1910). Standards light bluish violet; falls deep purple, bronze veined at the throat. Its growth is robust and strong with widely branching flower stalks, bearing large blooms of waxy texture; 4 feet tall.

Colonel Candelot (*Millet*, 1907). Standards bronze overlaid with red lavender; falls rich velvety crimson, yellow beard. A wonderfully beautiful Iris of dark red effect; 3 feet tall.

Fro. Standards deep gold; falls chestnut brown.

Lent A. Williamson (*Williamson*, 1918). Standards lavender violet; falls velvety pansy purple; brilliant orange beard. Massive flowers of wonderful texture.

Monsignor. Standards satiny violet; falls velvety purple crimson, with lighter margin; very large flower.

Mrs. Alan Gray. Standards and falls delicate pale rosy mauve; medium early.

Navajo. Standards light bronzy yellow, shaded lavender; falls deep maroon, veined white and yellow; stigmas yellow; deep orange beard.

Nibelungen. Standards fawn yellow; falls violet purple with fawn margin; a handsome, large flowering variety.

Pallida Dalmatica. Standards and falls clear lavender blue, shading to pale silvery blue at the base; large spreading flowers, sweetly scented.

Powhatan. Standards light bishop violet with deeper border; falls deep purple, shaded crimson; horizontal spreading flower.

Shekinah (*Sturtevant*, 1918). Soft lemon yellow deepening to rich yellow around its bright orange beard; 3 feet.

Sherwin-Wright. Rich golden-yellow without markings and a strong grower make this the best clear yellow Iris to date.

Walhalla. Standards light lavender blue; falls satiny violet blue.

Wyomissing. Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh colored border.

Named sorts, any of the above standard varieties, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; \$15.00 per 100.

Mixed German Iris. 6 for \$1.00 (by P. P., \$1.10); \$1.50 per doz. (by P. P., \$1.65); per 100, \$10.00.

IRIS CRISTATA (Crested Dwarf Iris)

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.



Michell's Double Hollyhock

IRIS, INTERMEDIA

These bloom earlier than Iris Germanica.

Florentina. Very early; large, nearly pure white flowers; delightfully sweet scented; 30 inches.

Heige. Standards creamy yellow; falls deeper, veined yellow.

Kharput. Standards violet; falls deep purple violet, very long; beard white; very large flower; 30 inches.

Kochii. Standards and falls rich claret-purple. Early, compact and handsome; 24 inches.

Spectabilis. Violet-purple; very free flowering.

Walhalla. Standards lavender-blue; falls violet; immense flower; 30 inches.

IRIS, PUMILA HYBRIDA

An early flowering type growing from 10 to 12 inches high.

Blanc Pur La Fiancee. Pure white, with striking yellow beard.

Butterfly. Pale yellow, spotted brown; 8 inches.

Cyanea. Rich royal purple.

Dixmude. Uniform deep blue, large flowers; 10 inches.

Floribunda. Creamy-yellow.

Florida. Very large, pale creamy-yellow; 10 inches.

Schneekuppe. Pure white.

Price, any of the above Iris, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

IRIS KAEMPFERI (Japanese Iris)

The King of all Iris and in popularity they can be classed with the Hardy Phlox and Peonies; coming into flower about the middle of June, they continue for five or six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower buds.

Astarte. Double; beautiful dark violet.

Circe. Double, dark violet blue, delicately veined with white.

Gekka-No-Nami. The best early white; very free; pure glistening white with creamy center.

Gold Bound. A fine double pure white, enriched by a creamy glow from the gold banded center.

Hercules. Double; clear lilac-blue.

Koko-No-Iro. Rich violet-purple, with white petaloids tipped violet. Enormous double flowers.

Mahogany. Large double flowers; the latest to bloom; color, purple mahogany-red, the erect petals being prettily crested.

Patrocle. Single, superb deep reddish-violet.

Proserpine. Single, bright rich blue, produced by sanding of velvety blue on white.

Reine de Bulgarie. Soft lilac, lemon yellow throat; very good.

Ski-No-Ryo. Double, blue and white.

Yezonishital. Falls red-lavender shaded purple and beautifully veined white, yellow blotch in center, three-petal flower.

Price, any of the above named sorts of Japanese Iris, 3 for \$1.00 (by P. P., \$1.10); \$3.50 per doz.; per 100, \$25.00.

Mixed Japanese Iris. All colors and shades. 4 for \$1.00; (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LIATRIS (Blazing Star, or Gay Feather)

Pycnostachya. Showy and attractive native plants, succeeding anywhere, producing spikes of light rosy-purple flowers in July and August; 5 feet.

Scariosa. Deep purple flowers; 3 to 4 feet.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LINUM (Flax)

Perenne. A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers all Summer. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LOBELIA

Cardinalis (*Cardinal Flower*). Rich fiery cardinal flowers. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LUPINUS (Lupins)

Polyphyllus Blue. Very showy.

Polyphyllus White

Polyphyllus Pink.

3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$20.00.



Lily of the Valley

LILY OF THE VALLEY

Clumps, 50c. each (by P. P., 60c.); doz., \$5.50 (by P. P., \$5.75); \$40.00 per 100.

LYCHNIS (Campion)

Chalcedonica. A most desirable plant; heads of brilliant orange-scarlet flowers in June and July; grows 2 to 3 feet high.

Viscaria Fl. Pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red flowers; 1 foot.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LYSIMACHIA

Clethroides (Loose-strife). A fine hardy variety about 2 feet high; dense, recurved spikes of white flowers from July to September.

Nummularia (Creeping Jenny or Money-wort). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LYTHRUM

Roseum Superbum (Rose Loose-strife). A strong growing plant, thriving in almost any position, large spikes of rose colored flowers from July to September. Grows 3 to 4 feet high. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

MAZUS RUGOSUS

Loose trailing masses of blue and white flowers, speckled with gold in the throat. Splendid for flagging and carpeting. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

MERTENSIA (Blue Bells)

Virginica. An early Spring flowering plant growing 1 to 1½ feet high, with drooping panicles of handsome light blue flowers fading to clear pink; May and June. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

MONARDA (Bergamot)

Didyma Cambridge Scarlet (Oswego Tea). Crimson scarlet.
— **Rosea (Bee Balm).** Flowers of a rose color and sweetly fragrant foliage; 18 inches, July to September. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

NEPETA

Mussini. An excellent plant for rock gardens; being a compact grower and forming tufts of small violet-blue flowers during July and August. 4 for \$1.00 (by P. P., \$1.10); per doz., \$2.50; \$15.00 per 100.

OENOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, blooming the greater part of the Summer.

Missouriensis. Large, golden yellow; 1 foot.

Youngi. Bright yellow flowers; 18 inches.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.

Terminalis. Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00; \$125.00 per 1000.

PENSTEMON (Beard Tongue)

Most useful showy perennials, for either the border or rockery. They are perfectly hardy.

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet; June to August.

Coral Gem. Large spikes of coral-pink flowers.

Digitalis. Large spikes of long purple-white flowers with purple throats, during June and July. 2 to 3 feet.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PHYSALIS (Chinese Lantern Plant)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high and producing freely bright orange-scarlet, lantern-like fruits; highly interesting. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PHYSOSTEGIA (False Dragon Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

Grandiflora Vivid. A new variety growing from 18 to 24 inches high and bearing a profusion of bright violet-mauve flowers.

Virginica. Bright but soft pink.

— **Alba.** Pure white; very fine.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PINKS, HARDY GARDEN (Double)

These old-fashioned favorites, bearing their clove-scented flowers during the Spring and early Summer, are splendid cut blooms.

Essex Witch. Delicate pink, finely fringed.

Homer. Rosy-red with dark center.

White Reserve. An ever-blooming variety; double pure white.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; \$15.00 per 100.

PLATYCODON

(Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat branched bushes of upright habit.

Grandiflorum. Deep blue cupped, star-shaped flowers.

— **Album.** A white-flowered form of the above.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PLUMBAGO (Lead-Wort)

Larpentae. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the Summer and Fall months. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PYRETHRUM (Giant Daisy)

Uliginosum. Grows 3 to 4 feet high and is covered with large white daisy-like flowers, 3 inches in diameter, from July to September. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

Next to Roses these are the most popular June flowers, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed; if you are unable to procure this, Bone Meal makes a good fertilizer. Peonies may be planted any time after September 1st until the ground freezes in the Autumn, and in the early Spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist cool weather of the Autumn and consequently carry through the Winter in better shape. The roots should be set so that the top or upper eyes are about two or not more than three inches below the level of the soil; do not set the roots flat, but stand them up. For the best results Peonies should be planted from three to four feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times and in the Spring after growth starts they should have an abundance of water if the season is at all dry. When cutting the flowers always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season, in fact it is usually not until the third year that perfect flowers true to description will be produced. Peonies are seldom troubled with any disease or insect pests; ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.

Adolph Rosseau (*Dessert & Mechin*, 1890). Early midseason. Very tall, strong grower with erect, stiff stems and large perfectly formed flowers, dark velvety red with garnet hues and a distinct metallic reflex. Semi-double type. 75c. each.

Albert Crousse (*Crousse*, 1892). Bomb type. Large, well-formed flowers of soft shell pink with faint salmon tints. Vigorous grower with tall, erect stems. Late. 50c. each.

Auguste Dessert (*Dessert*, 1920). Cup-shaped flower of fine form, velvetish crimson-carmine, very brilliant with silvery reflex and large silvery border. A superb variety, \$2.00 each.

Baroness Schroeder (*Kelway*). Rose type. Flesh white fading to milk white. Immense globular flowers of perfect form, of great lasting substance, ideal for cutting. Does fine in southern localities. Late midseason. 75c. each.

Candeur (*Dessert*, 1920). Large globular, delicate silvery pink, slightly tinged lilac rose, fading an iridescent white, center flecked with carmine. Vigorous grower and fine clear green foliage. \$2.00 each.

Chestine Gowdy (*Brand*, 1913). Crown type; late midseason. The broad outer petals are silvery pink; these enclose a zone of fine irregularly shaped petals of deep rich cream, which in turn surround a prominent cone of broad pink petals splashed and tipped crimson. 50c. each.

Cherry Hill (*Thurlow*, 1915). Semi-rose type. Early. Deep garnet with a very noticeable sheen; in blooms not fully developed stamens are visible. Strong grower with long erect stems. Free flowering and very desirable. \$1.00 each.

Claire Dubois (*Crousse*, 1886). Rose-type; late midseason. Rich, clear satiny pink with glossy reflex. Some describe this as a glorified Mons. Jules Elie. \$1.00 each.

Couronne d'Or (*Calot*, 1873). Semi-rose type; late. Immense, very full imbricated flat flowers. Solid and compactly built; pure white with a ring of yellow stamens around a tuft of center petals tipped carmine. 50c. each.

Dr. H. Barnsby (*Dessert*, 1913). Rose type, late. Color solferino-tinged purplish-crimson, changing to clearer tint, with very pronounced bluish reflex. \$1.50 each.

Edulis Superba (*Lemon*, 1824). Crown type; very early. Beautiful bright, clear mauve-pink with silvery reflex. Decoration Day Peony. 50c. each.

Elwood Pleas (*Pleas*). Erect compact grower of medium height. Color uniform soft violet-rose, delicately shading to lilac white. Unusually large, the form of flower flat and compact; rose type. \$1.00 each.

Etta (*Terry*, 1905). Rose type; late. Very large flat flower, uniform delicate hydrangea pink. Fragrant, medium tall. \$1.00 each.

Eugene Verdier (*Calot*, 1864). Crown type. Beautiful cup-shaped flowers; flesh-pink with collar shaded yellow and salmon, with outer guard petals lilac-white. Fragrant. Rather a dwarf grower, but very upright. Blooms in late midseason, but the buds always open well. 50c. each.

Felix Crousse (*Crousse*, 1881). Rose type; late midseason. Rich, dazzling ruby-red without a tinge of purple, none better. 50c. each.

Festiva Maxima (*Mielliez*, 1851). Rose type, early. The finest white in existence. Pure white with clear carmine spot on edge of center petal. 50c. each.

Francois Rousseau (*Dessert*, 1909). Semi-rose type; early; large brilliant velvety-red flowers. Very striking. \$1.25 each.

Georgiana Shaylor (*Shaylor*, 1912). Rose type. Large globular compact flower with wide graceful petals; flesh pink. Late midseason. \$1.00 each.

Germaine Bigot (*Dessert*, 1902). Crown type. Very large compact flower, composed of broad petals. Color lilac rose, medium tall stems; very free. Midseason. 50c. each.

Grandiflora—Syn Henry Woodward (*Richardson*, 1883). Rose type. Very large flat bloom of bright sea-shell pink overlaid with salmon pink. Unusually fragrant. 75c. each.

Gretchen (*Goos & Koeneman*, 1911). Perfectly formed flower without stamens. Ivory-white tinted flesh. Strong, erect dwarf habit. \$1.50 each.

Grover Cleveland (*Terry*, 1904). Rose type. Very large and full dark crimson flowers. Especially desirable on account of being practically the only late dark crimson. 75c. each.

Homer (*Kelway*). Delightful soft rose, showing golden anther. Very attractive. \$1.00 each.

Jeannot (*Dessert*, 1918). Cup-shaped flowers of soft-shell pink, slightly tinted lavender, salmon-pink lights at base of petals. An exquisite variety. \$2.00 each.

Jubilee (*Pleas*, 1910). Rose type. Extremely large flat flower, having long narrow petals arranged loosely, giving a feathery effect. Buds show delicate opal tints; as they unfold the color changes to ivory white. Midseason. \$1.00 each.

Karl Rosenfield (*Rosenfield*, 1908). Semi-rose type; midseason. Very large globular compact flower. Rich dark crimson in color. Very strong, tall, compact grower and free bloomer. 75c. each.

Kelway's Glorious (*Kelway*, 1909). Midseason. Very full, enormous flower; gleaming white with a rosy streak on the outside of guard petals. Center of flower is hollow, making it very distinctive in form. In size it has no superior. \$3.00 each.

Kelway's Queen (*Kelway*, 1909). Rose type; late; flowers of a beautiful flesh-pink. \$2.50 each.

Lady Alexandra Duff (*Kelway*, 1902). An immense cup-shaped flower of rose type with wide imbricated petals. The color of the outer petals is delicate blush pink rapidly fading to lovely French white. \$1.00 each.

La Lorraine (*Lemoine*, 1910). Rose type. Enormous globular flowers of creamy white, borne high above the foliage. Some golden stamens are faintly visible, giving a golden light to the open flowers. The petals are exceedingly large and of splendid lasting texture. Free bloomer; distinct and very rare. Late midseason. \$2.50 each.

La Tendresse (*Crousse*, 1896). Rose type. Very full large flowers borne in clusters. Color, milk-white, sometimes splashed with carmine. Midseason. 50c. each.

Le Cygne (*Lemoine*, 1907). Rose type; enormous, perfectly formed, globular, pure milk-white flower with incurved petals. Has the true June rose fragrance and is remarkably free blooming. A most vigorous, erect, robust grower of medium height, with stiff stems. \$3.00 each.

Lord Kitchener (*Renault*, 1916). Rose type; very early. Color a brilliant cherry-red, a most dazzling hue. Free bloomer, strong grower. \$1.00 each.

Minamota (Millet). Very outstanding and unusual. Almost semi-double, of the most gorgeous rose-pink, fairly sparkling with life. A large mass of yellow stamens interspersed through the center gives a golden glow to the entire flower. Blooms very large, the laterals developing at the same time as the main flower. \$2.00 each.

Mme. Emile Lemoine (Lemoine, 1899). Semi-rose type. Large, globular, compact flower. Color on first opening glossy-white overlaid with minute lilac dots. Very beautiful and one of the finest white varieties. Midseason. 75c. each.

Mme. Jules Dessert (Dessert, 1909). Rose type. Exquisite flowers of large size; broad, delicate petals of translucent texture. Color creamy-white, overlaid with a sheen of delicate blush, with a pronounced pink center, intermixed with golden stamens. Strong, vigorous stems of perfect habit. A charming variety and should be in every collection. Midseason. \$1.00 each.

Mlle. Jeanne Riviere (Riviere, 1908). Guard petals deep flesh, gradually changing lighter. Center petals narrower and of a deep cream shade. Tall, strong stems make this a valuable variety for garden or mass effects. Midseason. \$1.00 each.

Madelon (Dessert, 1922). A superb late variety. Silvery-pink tinged carmine. A beautiful full bloom of perfect form, petals decidedly imbricated. \$2.50 each.

Marie Crousse (Crousse, 1892). Bomb type; enormous full globular blooms of very delicate shell pink, formed of rather incurved petals, interspersed with an irregular ring of yellow stamenoids. Midseason. \$1.00 each.

Marie Jacquin (Verdier). Large globular semi-double flowers, but coming single on young plants, the laterals blooming about the same time as the terminal flowers. Color, glossy rose-white, blooming in midseason. Sometimes called the "Water Lily Peony" on account of the pleasing cupped form. 75c. each.

Marquis C. Lagergren (Dessert, 1911). Semi-rose type; midseason. Large, bright velvety crimson with a distinct silvery border. One of the finest reds ever produced; especially good for mass planting. \$1.00 each.

Mignon (Lemoine, 1908). Rose type; globular flowers of soft light rose passing to amber cream. Broad imbricated petals form perfectly double blooms, which are delightfully fragrant and standing well above the luxuriant light green foliage. Rather dwarf; midseason. \$1.50 each.

Milton Hill (Richardson, 1891). Rose type; late. Flowers large, cupped, clear soft flesh color, turning nearly white in full sunlight before fading; one of the finest varieties. \$1.50 each.

Miss Salway (Kelway, 1889). Crown type. Very large, globular, compact flowers with high crowns. Primary petals white, center lilac-white, with collar of sulphur-yellow. Strong, tall grower, free bloomer and fragrant. One of the most delightful varieties, having an individuality that is both attractive and pleasing. Midseason. \$2.00 each.

Mons. Jules Elie (Crousse, 1888). Bomb type. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Medium height, prolific bloomer. Early midseason. 75c. each.

Mons. Martin Cahuzac (Dessert, 1899). Semi-rose type; midseason. A perfect solid ball of deep maroon with garnet hues and brilliant black luster. Claimed by some to be the darkest Peony in existence. A very distinct and handsome variety and will appeal to everyone desiring a dark-colored Peony. \$1.50 each.

Mr. L. Van Leeuwen (Nieuwenhuyzen, 1916). A gorgeous rosy-red that blends with any color in the garden. Large, beautiful flowers of graceful formation and delightful incurved petals. A first-prize winner and also a gold-medal winner at the National Peony Show. \$2.00 each.

Nymphae (Thurlow, 1919). Midseason; large flat flowers with wide silky petals of delicate creamy-white, yellow stamens and a reflex of golden light throughout the whole flower. \$1.25 each.

Phillippe Rivoire (Riviere, 1911). Rose type. Large, well-formed, cup-shaped flower. Color, very dark uniform crimson; tea-rose fragrance. Strong grower. Late. A very beautiful and striking variety, also very rare. \$2.50 each.

Phyllis Kelway (Kelway, 1908). Midseason. Large flowers of flushed pink, yet with the delicate coloring which gives a fresh and charming effect. Strong erect stems. Delightfully fragrant. Rose type. \$2.00 each.

Primevere (Lemoine, 1907). Bomb type. Large full blooms in clusters, with outer petals sulphur-white, center petals deep sulphur-yellow. Tall grower and free bloomer. \$1.00 each.

Rachel (Lemoine, 1904). Rose type. Lively soft pink, darker when just opening. Rather dwarf, with strong stems. Very attractive and scarce. \$1.50 each.

Reine Hortense—Syn. Pres. Taft (Calot, 1857). Midseason. Enormous, compact flowers of soft flesh color deepening to shell-pink, center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. Rose type. Fine for cut flowers and usually in bloom just about Decoration Day. \$1.00 each.

Richard Carvel (Brand, 1913). Bomb type; early. Color very bright, uniform shade of crimson. Best of all early reds and valuable as a cut-flower variety. Tall, strong grower and free bloomer. Very fragrant. \$1.00 each.

Rosa Bonheur (Dessert, 1905). Rose type; midseason. Large flat flower with light rose fringed petals, guards flecked crimson. Extra fine. \$1.50 each.

Samuel Hughes (Kelway, 1917). A very large double flower of beautiful form; color, gorgeous deep amaranth. \$1.50 each.

Sarah Bernhardt (Lemoine, 1906). Semi-rose type; late midseason. Very large flower of perfect form, full and double, with twisted, imbricated petals. Color apple-blossom pink with each petal silver tipped. \$1.00 each.

Solange (Lemoine, 1907). Rose type. A large, full compact flower of indescribable beauty. Color rare, deep orange salmon at the heart overlaid with a delicate tender reddish-brown, a most unique color combination. Midseason. \$1.00 each.

Souv. de Louis Bigot (Dessert, 1913). Rose type; midseason. Color, Bengal-rose, turning to salmon-pink, with very bright silvery reflex. Fragrant. Very fine. \$1.00 each.

Strasbourg (Goos & Koeneman, 1911). Large bloom, eight inches in diameter. Very compact and perfectly formed. Silvery lilac rose. \$2.00 each.

Suzette (Dessert, 1911). Semi-rose type; midseason. Bengal-rose lightly shaded carmine purple with silvery reflex. Strong stems. 75c. each.

Therese (Dessert, 1910). Rose type; very large flower of beautiful soft pink with a glossy reflex. Very fragrant, erect, strong, and amazingly free flowering. Midseason. \$1.00 each.

Tourangelle (Dessert, 1910). Rose type; late midseason. Pearly-white overlaid with delicate salmon and with shades of La France. Most unusual and beautiful coloring. \$1.00 each.

Venus (Kelway, 1888). Pale hydrangea-pink, collar lighter. Fragrance fine. Exquisite pointed buds opening into large compact flowers; very fragrant. Midseason. 50c. each.

Walter Faxon (Richardson, 1904). Semi-rose type. Large globular flowers of perfect form; bright rose-pink with salmon shadings. A most distinctive sort of wonderful lasting qualities. Late. Very scarce and beautiful. \$1.50 each.

JAPANESE PEONIES

Ruigegno (Japanese type). Dark maroon. \$2.00 each.

Seiriu Somae (Japan). Milk-white outer petals, yellow collar. Late; strong grower. \$1.50 each.

Soshi (Millet). Late; dark pink. \$2.00 each.

Torpilleur (Japan, 1913). Guard petals lively purplish carmine; central filament of same tint but streaked and tipped with yellow. Late. \$2.50 each.

SINGLE PEONIES

L'Etincelante (Dessert, 1902). Very vigorous, with fine erect stems. Cup-shaped flowers with broad petals of brilliant carmine color, edged silver. \$1.50 each.

Lord Kitchener (Kelway). Purplish crimson; very upright, robust grower. Early flowering and of immense size. \$1.50 each.

Lucienne (Dessert, 1908). White tinted purple, yellow crown. \$1.50 each.

PEONIES IN COLOR

We can supply good strong roots in separate colors, or all colors mixed, at prices quoted below. These should not be compared to the cheap mixtures sometimes offered at a low price, as they are for the most part choice varieties from which the labels have been lost, or have been mixed in planting. Some very choice Peonies will be found in these mixtures.

	Each	Doz.	100
Double Pink.....	\$0.25	\$2.50	\$20.00
Double Red.....	.25	2.50	20.00
Double White.....	.25	2.50	20.00

The Autumn is the best time to plant Peonies and once planted they increase in size and beauty year after year (ww)

MICHELL'S SUPERB HARDY PHLOXES

- Antonin Mercie.** Delicate lavender, suffused bluish lilac.
Baron von Dedem. Deep pink, suffused orange; immense trusses.
B. Comte. Brilliant rich French purple.
Commander. Brilliant crimson-red with darker eye.
Eclaireur. Brilliant rose-magenta, with lighter halo.
Enchantress. Bright salmon-pink; vigorous grower.
Europa. Blush white, with a large deep pink center; the flower truss is very large, while the florets are also of gigantic size.
Firebrand. Bright vermilion scarlet with deeper center, large trusses; strong grower.
Jules Sandeau. Dwarf; very large flowering; pure pink; extra fine variety.
Mrs. Jenkins. The best pure white.
Mrs. Milly Van Hoboken. Enormous trusses of bright pink flowers; very showy and outstanding.
Painted Lady. Silver pink with salmon shadings and cherry red eye. A strong upright grower with large masses of flowers; one of the most delicately colored and pleasing of the Hardy Phlox.
Rheinlander. Deep salmon pink, with a distinct bright red eye.
Rheinstrom. A splendid new Phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.
Thor. Deep salmon pink, suffused with scarlet; a white halo surrounds the aniline red eye.

Price of all varieties Hardy Phloxes, extra strong roots which will flower the first season, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PHLOX SUFFRUTICOSA

- Miss Lingard.** Pure white, with a lilac eye; very early. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

PHLOX SUBULATA

- Alba (Moss Pink).** Moss evergreen-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.
Atropurpurea. A distinct form of Phlox Subulata; very free flowering; rich French purple in color, very outstanding.
Fairy. Pale blue with dark purple eye; a neat compact grower. A very desirable rock plant.
Rosea. The same as above but with pure pink flowers.
Vivid. A new introduction with bright rose-colored flowers.
 Price, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

MISCELLANEOUS VARIETIES OF PHLOX

- Amoena.** A beautiful plant, with soft rose-colored flowers; one of the best for rockeries or borders; 4 inches high; April-May.
Divaricata Canadensis. A patch of these makes a Spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.
 Price, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ORIENTAL POPPIES (Papaver Orientale)

- Bracteatum.** Rich blood red.
Mrs. Perry. A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden.
Olympia. A new double variety, in color a brilliant scarlet overlaid with golden-salmon, a most beautiful combination. The earliest to bloom.
Orientalis. Very large, orange-scarlet flowers.
Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal.
Wurtembergia. One of the best red Oriental Poppies ever introduced; the color is a dark, lustrous, rich red and the flowers are the largest of any Oriental Poppy that we know.
 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

ICELAND POPPIES (Papaver Nudicaule)

- The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Blooms the entire Summer.
El Monte. This new variety is a California introduction; very large flowers; strong wiry stems for cutting; mixed colors.
Orange, Yellow, White; each color separate.
 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.



Hardy Phlox

HARDY PRIMULA (Primrose)

- One of the first of the early Spring flowers. They delight in a rich soil, preferably in a semi-shaded location.
Veris (English Cowslip). A mixture comprising the various shades of red and yellow; a splendid plant for Spring blooming.
Vulgaris (English Primrose). Beautiful light canary yellow; long flower stems with large trusses.
 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00.

PYRETHRUM HYBRIDUM

- A good old-fashioned perennial resembling colored daisies, blooming in June.
Single Flowering. Mixed colors only, ranging from pure white to dark red. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

RANUNCULUS (Crowfoot Buttercup)

- Acris, Fl. Pl.** A double flowered form of our common buttercup; 2 feet; May and June.
Repens, Fl. Pl. (Bachelor's Buttons). A pretty double flowering, golden buttercup; masses of flowers during May and June.
 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

RUDBECKIA (Cone-Flower)

- Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, suitable for cutting.
Golden Glow. A well-known popular plant; robust grower, attaining a height of 5 to 6 feet; masses of double golden-yellow, Cactus Dahlia-like flowers from July to September.
Newmani. Dark orange-yellow flowers with deep purple cone; good stiff stems; 3 feet high; July to September.
Purpurea (Giant Purple Cone-flower). Flowers about 4 inches across, of a peculiar reddish purple with a remarkably large cone-shaped center of brown; forms bushy plants 3 feet high and blooms from July to October.
 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SALVIA (Meadow-Sage)

- Perennials with strikingly beautiful, orchid-like bloom, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.
Azurea Grandiflora (Rocky Mountain Sage). Sky-blue flowers in greatest profusion during August and September; 6 feet.
Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich Gentian blue; 3 to 4 feet.
Virgata Nemorosa. An interesting plant for the hardy border; flower spikes bear many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet blue, forming a pleasing color combination. It continues in flower for about six weeks during the early Summer months; 18 inches.
 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SAPONARIA (Soap Wort)

Ocymoides Splendens. A good subject for the border or rockery, producing freely, masses of bright rose-pink flowers. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SCABIOSA

Caucasica. A delicate shade of lavender blue, starting in flower in June and lasting well through the Summer.

Caucasica Alba. White. Like the above, except the color.

Caucasica, Giant Blue (Isaac House Strain). A splendid improvement in the Caucasica type; flowers larger and with longer stems; colors range from light lavender to dark blue; excellent for cutting.

Columbaria Anthemifolia. A low growing variety, with flowers measuring 2 to 2½ inches across; color a delightful shade of pink; splendid for cutting.

3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00.

SEDUM (Stonecrop)

DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

Acre (Golden Moss). Green foliage and bright yellow flowers.

Album. Dark green foliage with pure white flowers in June.

Anglicum. A coral rosette of grey green; delicate pink flowers.

Ibericum. Numerous deep rose flowers among dark green foliage.

Oppositifolium. Pinkish white flowers.

Sieboldi. Round, succulent, glaucous foliage with bright pink flowers during August and September.

Stahli. A compact variety with crimson tinted foliage in Autumn.

ERECT GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late Summer and Fall.

Spectabile. Immense heads of handsome, showy rose colored flowers, during the Autumn; 18 inches.

Spectabile "Brilliant." A rich colored form of the above, being a bright amaranth red.

Prices of any of the above Sedums, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SOLIDAGO (Golden Rod)

Golden Wings. The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SPIRAEA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeeds best in a half-shaded location.

Filipendula (Dropwort). Numerous corymbs of white flowers on stems 15 inches high, during June and July; fern-like foliage.

Palmata (Crimson Meadow Sweet). The deep purple red of the stems and branches passes into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

Ulmaria Fl. Pl. (Meadow Sweet). Double white flowers during July and August; 3 feet.

3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$20.00.

STATICE (Sea Lavender)

Latifolia (Great Sea Lavender). Handsome plants with heads of dark blue flowers; invaluable for cutting, the flowers, when dried, lasting for months. 1 to 2 feet. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

STOKESIA (Cornflower Aster)

Cyanea. Very light blue.

Cyanea Alba. Pure white.

4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

SWEET WILLIAM (Dianthus Barbatus)

Michell's Prize Mixture. In all colors.

Pink Beauty (sometimes called Newport Pink). A splendid shade of salmon with immense flower trusses. When massed it is a striking feature of the perennial garden; an extra fine novelty. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

THALICTRUM (Meadow Rue)

Adiantifolium. A beautiful variety; foliage like the Maiden Hair Fern; miniature white flowers in June and July; 1½ to 2 feet.

Aquilegifolium. Graceful foliage like that of a Columbine and rosy-purple flowers from May to July; 2 to 3 feet.

Intermedium. Pale yellow flowers in July; 2 feet.

3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00.



Single Sweet William

THYMUS (Thyme)

Citriodorus Aureus. The golden-leaved lemon-scented Thyme.

Languinosus (Woolly-leaved Thyme). Greyish foliage with rosy-lilac flowers.

Serpyllum Album (White Mountain Thyme). Forms dense mats of dark green foliage and clouds of white flowers during June and July; 3 to 4 inches.

Coccineum (Scarlet Thyme). Dark green foliage with bright red flowers.

3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00.

TRILLIUM (Wood Lily, or Wake Robin)

Grandiflorum. The largest white, probably the handsomest. 6 for \$1.00 (by P. P., \$1.10); \$1.50 per doz.; per 100, \$10.00.

TROLLIUS (Globe Flower)

Europaeus. Desirable free-flowering plants, producing their giant bright yellow, Buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half-shady position in well-drained, preferably light soil. 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$20.00.

VALERIANA (Valerian)

Officinalis (Hardy Garden Heliotrope). Showy heads of rose-tinted white flowers during June and July; 3 to 4 feet. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

VERONICA (Speedwell)

Amethystina. Amethyst-blue flowers on short spikes; one of the best. 1 to 3 feet. May to June.

Incana. Bright silvery foliage with spikes of Amethyst-blue flowers during July and August; 12 inches.

Longifolia Subsessilis (Japanese Speedwell). A strong grower and undoubtedly the finest of all the Veronics; rich blue flowers on tall spikes. Fine for cutting; 3 feet; July and August.

Spicata. Long spikes of bright blue flowers during June and July; 18 inches. An excellent border plant.

4 for \$1.00 (by P. P., \$1.15); \$2.50 per doz.; per 100, \$15.00.

VINCA (Periwinkle or Myrtle)

Minor. Green foliage, lavender flowers. Extra strong plants. 6 for \$1.00 (by P. P., \$1.10); \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

AKEBIA—Quinata. A quick-growing vine; small, fine-lobed, half-evergreen leaves and purplish brown or chocolate-colored flowers, which have a delicious odor. 50c. each (by P. P., 60c.); per doz., \$5.00.

AMPELOPSIS—Quinquefolia (Virginia Creeper). The large, handsome, dark green leaves are deeply cut into five lobes; in the Autumn the foliage turns a beautiful rich crimson; especially adapted to covering tree stumps and trunks. 40c. each (by P. P., 50c.); per doz., \$4.00.

AMPELOPSIS—Veitchii (Boston Ivy). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the Autumn turn to a coppery red. Strong plants, 50c. each (by P. P., 60c.); per doz., \$5.00.

ARISTOLOCHIA—Sipho (Dutchman's Pipe). Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants, \$1.00 each (by P. P., \$1.10).

BIGNONIA—Grandiflora (Trumpet Vine). A strong-growing vine, with rich green foliage and trumpet-shaped flowers; free-flowering; color, orange-red. Strong plants, \$1.00 each (by P. P., \$1.10).

CELASTRUS—Scandens (Bittersweet or Waxwort). A vine of rapid growth. In the early Summer it produces yellow flowers, which by Autumn have turned to bright, orange-colored fruits with red markings. 50c. each (by P. P., 60c.).

CLEMATIS—Coccinea. Produces pretty bell-shaped, coral-red flowers from early in June until late in Fall. 60c. each (by parcel post, 70c.).

—**Crispa.** This variety bears sweet-scented, lavender flowers. 60c. each (by parcel post, 70c.).

—**Henryi.** Creamy white; large single flowers, borne in great profusion. 60c. each (by parcel post, 70c.).

—**Jackmanni.** Violet-purple; intensely colored, gigantic flower. 60c. each (by parcel post, 70c.).

—**Mad. Edouard Andre.** Velvety red. Flowers are well formed and of great substance; the blooms are gigantic. 60c. each (by parcel post, 70c.).

—**Paniculata (Japanese Virgin's Bower).** A strong, luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Strong plants, 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00. Extra strong plants, 2 for \$1.00 (by P. P., \$1.10); \$5.00 per doz.; per 100, \$35.00.

EUONYMOUS—Radicans. Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow-growing habit is desired; green foliage.

—**Variegata.** Leaves are variegated, otherwise like the above variety.

—**Vegeta.** This plant is regarded far too little in importance as a strictly A-1 variety for climbing stone walls or buildings or otherwise; it ranks favorably with English Ivy, except that it is evergreen and does not winter kill or shed its foliage.

Price of any of the above Euonymous, 3 for \$1.00 (by P. P., \$1.10); \$3.00 per doz.; per 100, \$18.00.

HONEYSUCKLE. This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

—**Chinese Evergreen.** Yellow and white variegated flowers, very fragrant; blooms the entire season.

—**Halliana (Hall's Honeysuckle).** Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

—**Red Coral or Scarlet Trumpet.** Bright-red, trumpet-shaped flowers. Blooms all Summer.

—**Variegated (Aurea Reticulata).** Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles, strong 2-year plants, 50c. each (by P. P., 60c.); per doz., \$5.00; \$35.00 per 100.

HOP VINE (Japanese). A rapid grower, with dark green foliage and bearing a profusion of seed-pods, suitable for many domestic purposes. 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.

IVY (English). This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 4-inch pot-plants, 50c. each (by P. P., 60c.); per doz., \$5.00; \$40.00 per 100.

LATHYRUS (Hardy Pea). This is a splendid plant for training on pillars, columns and similar places; it flowers during the greater part of the Summer, and is a really splendid cut flower, lasting well, and very effective.

—**Latifolius.** Rich red.

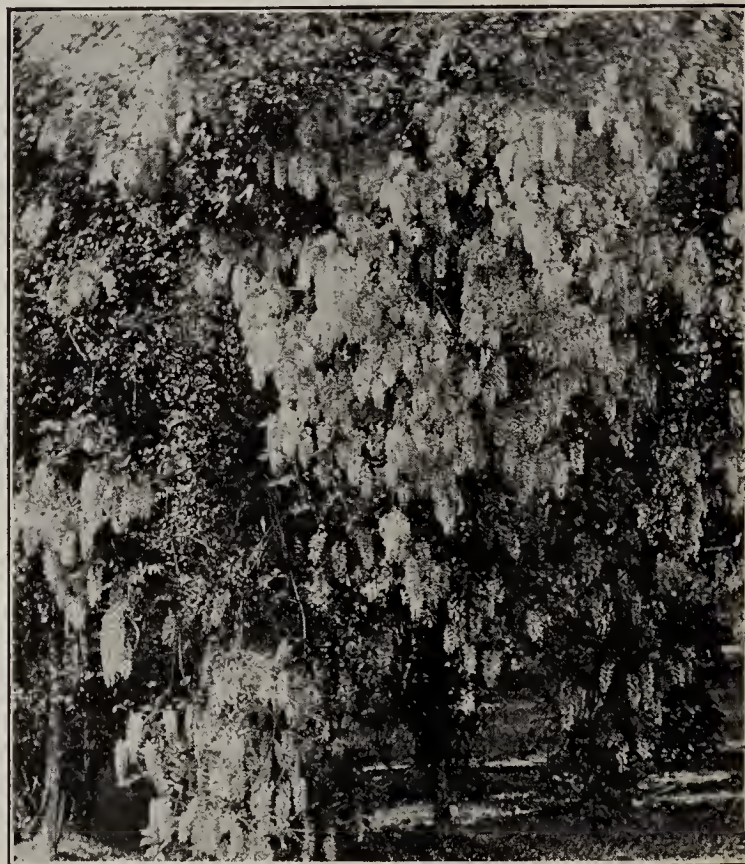
—**Pink Beauty.** Beautiful rose pink.

—**White Pearl.** Pure white, giant flower trusses.

Price of Lathyrus, strong plants, 4 for \$1.00 (by P. P., \$1.10); \$2.50 per doz.; per 100, \$15.00.

LYCIUM (Matrimony Vine)—Barbarum. A dense growing climber, somewhat shrubby in nature. In late Summer the small purple flowers are followed by a crop of red berries, which remain until late Winter. Extra heavy plants, 50c. each (by P. P., 60c.); per doz., \$5.00.

POLYGONUM—Auberti. For porches, lattice work, fences, pergolas and buildings. A useful vine which is perfectly hardy and free from disease or pests. It is quick growing; a small plant will make twenty-five to thirty feet of growth the first Summer; snowy white flowers, borne in long clusters, which turn rose color with age. The foliage is clean looking, and apart from its wonderful flower effect will please everyone. It will not cling to the wall, but will ramble over anything that will support it. 50c. each (by P. P., 60c.).



Wisteria

WISTERIA. This flowers in the latitude of Philadelphia during May. A strong developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded. It thrives best in the sun, and with an application of cow manure once or twice a season it responds marvelously by an extra growth and an abundance of flowers.

—**Chinensis (Chinese Wisteria).** Pale blue, somewhat fragrant.

—**Chinensis Alba.** A beautiful white flowering form of the above.

Price of Wisterias, extra strong plants, \$1.00 each (by P. P., \$1.10).

See Page 35 for Special Notice on Guarantee.

ALTHEA (*Rose of Sharon*). These thrive almost anywhere, producing their bloom from July till September.

— **Alba Plena**. Pure white, double.

— **Atropurpurea Plena**. Double purple.

— **Lady Stanley**. Semi-double, pale pink, splashed with carmine. Strong plants, 50c. each (by parcel post, 60c.).

AMYGDALUS—**Alba Flore Pleno** (*Flowering Almond*). Erect slender branches, covered in May with small, very double, fragrant white flowers. Strong plants, 50c. each (by parcel post, 60c.).

— **Rosea Flore Pleno**. Identical with the above, but bearing pink flowers. Strong plants, 50c. each (by parcel post, 60c.).

Bridal Wreath. See *Spiraea Prunifolia*.

CALLICARPA—**Purpurea** (*Beauty Fruit*). A beautiful shrub growing about 3 feet high, covered in August with tiny pink tinted flowers, followed in late September by violet purple berries borne in clusters from the axil of every leaf, remaining until the middle of Winter. Strong plants, 50c. each (by parcel post, 60c.).

CALYCANTHUS—**Floridus** (*Sweet Shrub*). Chocolate-colored double flowers, with a peculiar agreeable odor. Blooms in June. Strong plants, 50c. each (by parcel post, 60c.).

CERCIS—**Canadensis** (*Judas Tree or Red Bud*). A tall, slender growing shrub, developing eventually into a large tree. Very early in the Spring the leafless branches are covered with delicate deep pink flowers. Strong plants, 75c. each (by parcel post, 85c.).

Chaste Tree. See *Vitex*.

CHIONANTHUS—**Virginica** (*White Fringe*). In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 75c. each (by parcel post, 85c.).

CLETHRA—**Alnifolia** (*Sweet Pepper Bush*). Of low growth, with numerous spikes of small white fragrant flowers in July. Strong plants, 75c. each (by parcel post, 85c.).

CORNUS—**Elegantissima** (*Variegated Dogwood*). A beautifully variegated shrub which should be planted more freely.

— **Lutea** (*Golden-Twigged Dogwood*). Bright yellow branches in Winter.

— **Sibirica** (*Siberian Dogwood*). Branches a bright coral red, quite ornamental.

Price of *Cornus*, strong plants, 50c. each (by parcel post, 60c.).

Crab. See *Malus*.

CYTISUS—**Laburnum** (*Golden Chain*). A large shrub with shining green leaves and long drooping racemes of yellow flowers in the early Summer. Strong plants, \$1.00 each (by parcel post, \$1.15).

DEUTZIA. The *Deutzias* are among the most useful of our Summer flowering shrubs. For planting either individually or in masses they are very attractive.

— **Candidissima Fl. Pl.** Abundant racemes of double pure white flowers in June; luxuriant foliage, and fine habit.

— **Crenata Rosea Fl. Pl.** Double flowering; white tinged pink.

— **Gracilis**. Of dwarf, bushy habit; white flowers.

— **Lemoinei**. Rather low growing; slender arching branches with large clusters of graceful white flowers in May.

— **Pride of Rochester**. The flowers, borne in large panicles, are pinkish white, with under-side of the petals rose. June.

Price of *Deutzias*, strong plants, 50c. each (by parcel post, 60c.).

Dogwood. See *Cornus*.

EUONYMUS—**Alata** (*Cork-barked Euonymus*). Small delicate flowers in late Spring are followed by attractive red berries in the Fall. Curious corky bark, brilliant Autumnal foliage. Best for individual planting. Strong plants, 75c. each (by parcel post, 85c.).

EXOCHORDA—**Grandiflora** (*Pearl Bush*). A medium-sized shrub, producing white flowers in clusters, early in the Spring. Strong plants, 50c. each (by parcel post, 60c.).

Flowering Almond. See *Amygdalus*.

Flowering Crab. See *Malus*.

FORSYTHIA (*Golden Bells*). Bright golden-yellow, star-shaped flowers burst into bloom just as Winter is leaving and while the bush is otherwise bare.

— **Fortunei**. Erect growing with dark green foliage.

— **Intermedia**. April. Vigorous grower with slender, erect or arching branches.

— **Spectabilis**. Strong, tall growing, with very large flowers completely covering the stems; the most profuse bloomer of all.

— **Suspensa**. Graceful, drooping tendency. Frequently planted on banks and slopes.

Price of *Forsythias*, strong plants, 50c. each (by parcel post, 60c.).

Golden Bells. See *Forsythia*.

Golden Chain. See *Cytisus*.

Honeysuckle. See *Lonicera*.

HYDRANGEA—**Arborescens Grandiflora Alba** (*Snowball Hydrangea*). The snow-white blooms are of the largest size, coming into flower early in June and lasting until late in August. Is more hardy than any other sort and especially suited for shaded places. Strong plants, 50c. each (by parcel post, 60c.).

— **Paniculata Grandiflora**. The large panicles of white flowers are at their best during August; later they take on a reddish cast. Fine as single specimens on the lawn or grouped in large beds. Strong bush form, 50c. each (by parcel post, 60c.). Extra strong stock, 3 feet, 75c. each (by parcel post, 85c.).

— **Paniculata Grandiflora** (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the center of beds containing other plants. Stems 3 to 4 feet high with shapely heads, 75c. each.

— **Quercifolia** (*Oak-leaved Hydrangea*). A handsome spreading shrub with striking foliage, turning in Autumn to a beautiful red. The flowers are produced freely in August, in flat white clusters. Strong plants, 75c. each (by parcel post, 85c.).

Japan Quince. See *Pyrus*.

JASMINUM—**Nudiflorum**. Fine for sheltered positions; fragrant yellow flowers early in Spring. Strong plants, 50c. each (by parcel post, 60c.).

Judas Tree. See *Cercis*.

Lilac. See *Syringa*.

LONICERA—**Fragrantissima** (*Honeysuckle*). Fragrant white flowers early in Spring. Strong plants, 50c. each (by parcel post, 60c.).

— **Morrowi**. Foliage dark green with small white flowers in May. During the late Summer and early Autumn the plant is covered with bright red berries. Strong plants, 50c. each (by parcel post, 60c.).

— **Ruprechtiana**. A free flowering variety; white flowers during May and June, followed by red fruit. Strong plants, 50c. each (by parcel post, 60c.).

MALUS—**Floribunda** (*Japanese Flowering Crab*). One of the best of the flowering *Crabs*. The buds are a warm rose color opening to light pink flowers—the whole forming a shapely bush or small tree. Strong plants, 75c. each (by parcel post, 85c.).

MALUS—**Ioensis Plena** (*Bechtel's Double Flowering Crab*). A shapely little tree, producing quantities of very double, fragrant flowers of a soft pink, resembling a small *Rose* in formation. Strong plants, 50c. each (by parcel post, 60c.).

MALUS—**Parkmanii** (*Parkman's Flowering Crab*). Rose-colored buds open into little rosy-white flowers; these are succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. Strong plants, \$1.00 each (by parcel post, \$1.10).

Mock Orange. See *Philadelphus*.

Pearl Bush. See *Exochorda*.

PHILADELPHUS—**Avalanche** (*Dwarf Mock Orange*). Slender, arching branches nearly covered with showy white, fragrant flowers. Strong plants, 50c. each (by parcel post, 60c.).

— **Coronarius** (*Mock Orange*). Handsome foliage and beautiful fragrant white flowers in May and June. Strong plants, 50c. each (by parcel post, 60c.).

— **Grandiflorus**. A robust growing variety, bearing large white flowers. Strong plants, 50c. each (by parcel post, 60c.).

PYRUS—**Japonica** (*Japan Quince*). This shrub is a beautiful sight when covered in the early Spring with cherry-red flowers, about the size of an apple blossom. After the flowers fall, many of them set fruit, which is edible, making the finest quince jelly or preserves. Strong plants, 50c. each (by parcel post, 60c.).

Red Bud. See *Cercis*.

RHUS—*Typhina Laciniata* (*Dwarf Cut-Leaved Sumac*). Low growth and fern-like foliage, which is colored in the Fall months. 50c. each (by parcel post, 60c.).

Rose of Sharon. See *Althea*.

Snowball. See *Viburnum*.

Snowberry. See *Symphoricarpus*.

SPIREA—*Anthony Waterer*. Of dwarf, dense habit, bearing a profusion of crimson flowers. 50c. each (by parcel post, 60c.).

— *Prunifolia* (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. 3 feet. 50c. each (by parcel post, 60c.).

— *Thunbergi*. Delicate foliage and small white flowers in the early Spring. 18 inches. 50c. each (by parcel post, 60c.).

— *Van Houttei*. The most beautiful of all white Spireas, flowering in May. 3 feet. 50c. each (by parcel post, 60c.).

Sumac. See *Rhus*.

Sweet Pepper Bush. See *Clethra*.

Sweet Shrub. See *Calycanthus*.

SYMPHORICARPUS—*Racemosus* (*Snowberry*). Small red flowers are succeeded by white berries, remaining on the plant through half the Winter. 50c. each (by parcel post, 60c.).

— *Vulgaris* (*Red Fruited or Indian Currant*). A well-known shrub; pink flowers, bright red fruit. 50c. each (by parcel post, 60c.).

SYRINGA (*Lilac*)—*Charles X*. A strong variety, bearing large trusses of reddish-purple flowers. 75c. each (by parcel post, 85c.).

— *Japonica*. A very desirable free flowering tree, bearing during June and July fragrant white flowers in large panicles. 50c. each (by parcel post, 60c.).

— *Marie Legraye*. A dwarf-growing variety, producing immense trusses of creamy white flowers. 75c. each (by parcel post, 85c.).

— *Vulgaris*. Common purple, sweet-scented lilac. 50c. each (by parcel post, 60c.).

— *Vulgaris Alba*. Pure white type of the above, but more fragrant. 50c. each (by parcel post, 60c.).

TAMARIX—*Africana*. Strong, slender, upright growth, with panicles of feathery pink flowers in May. 3 to 4 feet. 50c. each (by parcel post, 60c.).

— *Hispida Aestivalis*. A distinct variety bearing delicate sprays of soft pink flowers in July and August, very light and feathery. 2 to 3 feet. 50c. each (by parcel post, 60c.).

VIBURNUM—*Opulus* (*High Bush Cranberry*). One of the most popular shrubs; clusters of white flowers in June followed by scarlet berries in Autumn. Strong plants, 2 to 3 feet. 50c. each (by parcel post, 60c.).

— *Opulus Sterilis* (*Snowball or Guelder Rose*). This is the popular white Snowball, filled with large globes of white flowers in May. Strong plants, 2 feet. 50c. each (by parcel post, 60c.).

— *Plicatum* (*Japanese Snowball*). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy; blooms in June. Extra fine plants, 2 feet. 50c. each (by parcel post, 60c.).

— *Tomentosum*. Distinct from all other varieties in foliage and flower; the latter are more flat than those of other varieties and followed by decorative red fruits, changing to black. Strong plants, 2 to 3 feet. 50c. each (by parcel post, 60c.).

VITEX—*Agnus Castus* (*Chaste Tree*). A shrub or small tree; dense spikes of pale lilac flowers from July to September. Strong plants, 2 feet. 50c. each (by parcel post, 60c.).

WEIGELIA—*Candida*. Flowers abundantly in June and July; also during the Autumn months. The tube-shaped flowers are pure white. Plants, 2 to 3 feet. 50c. each (by parcel post, 60c.).

— *Eva Rathke*. Of erect form; deep carmine-red flowers. 18 to 24 inches. 50c. each (by parcel post, 60c.).

— *Rosea*. Remarkably showy flower; spreading branches and dark green leaves. 50c. each (by parcel post, 60c.).

— *Rosea nana variegata*. Silvery variegated leaves and pale pink flowers. 2 to 3 feet. 50c. each (by parcel post, 60c.).

White Fringe. See *Chionanthus*.

MICHELL'S CHOICE THRIFTY HEDGE PLANTS

NEW RED-LEAVED JAPANESE BARBERRY

Similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border as single specimens, or for planting in clumps on the lawn as well as for foundation plantings and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. However, unlike these and other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the Summer, and in the Fall its foliage changes to vivid orange, scarlet, and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. In this coloring it is unequalled by any other shrub and is followed by the same brilliant scarlet berries common to the type, which remain on the plant the entire Winter.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	Doz.
Strong plants, 12" to 15".....	\$0.35	\$3.50
Strong plants, 15" to 18".....	.50	5.00

BERBERIS THUNBERGII (Japanese Barberry)

A good hardy plant of low dense growth. It is a brilliant light green from early Spring to Winter; it should be regarded as a shrub, as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In Autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the Winter, are revealed on the branches.

Height	Each	Doz.	100	Height	Each	Doz.	100
9-12 in...	\$0.20	\$1.50	\$10.00	18-24 in...	\$0.40	\$3.50	\$25.00
12-18 in...	.30	2.50	15.00				



Berberis Thunbergii

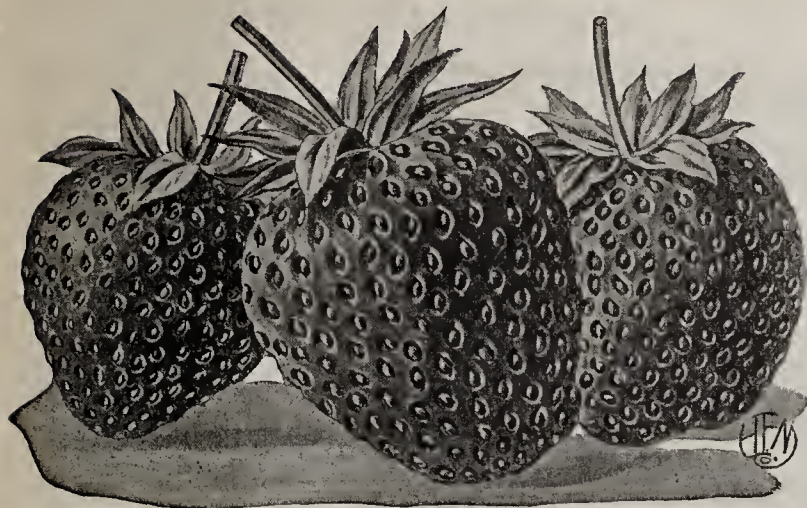
CALIFORNIA PRIVET

Unlike a fence, which needs painting, repairing, etc., and then never looks well, this hedge is no further expense after planted and it adds dignity and charm to any home. Privet is somewhat of an Evergreen nature and looks attractive until real Winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a thick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	Doz.	100	1000
1-yr.-old, 18 to 24 inches.....	\$1.25	\$6.00	\$50.00
2-yr.-old, 24 to 30 inches.....	1.50	8.00	70.00
2-yr.-old, 30 to 36 inches.....	2.00	10.00	90.00

GOLDEN OR VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. **Bushy Plants**, 4 for \$1.00; \$2.50 per doz.; per 100, \$15.00.



Mastodon Everbearing Wonder Strawberry

BLACKBERRIES (Extra Strong Plants)

Eldorado. A very vigorous grower; enormously productive; fruit large, excellent quality and without core.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black and retain their color under all conditions; very sweet and without core.

Ward. An extra strong grower; produces an enormous crop of extra large, glossy black berries, which are rich, sweet and tender and with no hard core.

Price of Blackberries, \$1.00 per doz. (by parcel post, \$1.10); per 100, \$6.00; \$50.00 per 1000.

RASPBERRIES (Extra Strong Plants)

Cumberland (Blackcap). These do not transplant successfully in the Autumn and will therefore be offered in our Spring Catalog.

Cuthbert. Berries very large, measuring 3 inches around; conical, rich crimson; one of the old-time favorites.

Latham. The finest red Raspberry to date; more productive than any other variety. The berries are very large, bright red and of wonderful flavor.

Ranere Everbearing. The fruit is of good size and of excellent flavor; in fact, there is no good quality any of the regular varieties of raspberry possess that is lacking in Ranere; brilliant red.

Price, any of the above, strong plants, \$1.00 per doz. (by parcel post, \$1.10); per 100, \$6.00; \$50.00 per 1000.

GRAPE VINES

Caco. The most delicious of all Grapes and perfectly hardy; red; bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 50c. each (by parcel post, 60c.); doz., \$5.00 (by parcel post, \$5.25).

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous; berries large, black with light purplish bloom; flavor rich and delicious.

Catawba. Delicious flavor; medium size, red berry.

Champagne. A sterling variety of great merit. Color a coppery red. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out, bearing an immense crop. Very strong grower. 50c. each (by parcel post, 60c.); doz., \$5.00 (by parcel post, \$5.25).

Concord. The well-known standard purple variety; succeeds wherever grapes will grow.

Moore's Diamond. A strong, healthy grower; hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

Niagara. An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

Price, any of the above, excepting Caco and Champagne, 2-year-old vines, 25c. each (by parcel post, 35c.); doz., \$2.50 (by parcel post, \$2.75); \$20.00 per 100.

STRAWBERRY PLANTS (Pot Grown)

Early Varieties

Premier, Senator, Dunlap.

Midseason Variety

Big Joe.

Late Varieties

Chesapeake, Gandy's Prize, Wm. Belt.

Price, any of the above pot-grown plants, \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.

LAYER PLANTS, any of the above, 25 for 75c. (by P. P., 85c.); \$1.00 for 50 (by P. P., \$1.10); per 100, \$1.50 (by P. P., \$1.70); \$10.00 per 1000.

Fall Fruiting Variety

Mastodon Everbearing Wonder. This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost; the late bearing fruits being as large as the early crop; berries are of excellent quality. Plants should be grown in single hills, as it does not do so well in matted rows.

Price, pot-grown plants, \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

LAYER PLANTS, 25 for \$1.00 (by P. P., \$1.10); \$1.50 for 50 (by P. P., \$1.60); per 100, \$2.50 (by P. P., \$2.70); \$15.00 per 1000.

CHOICE FRUIT TREES

(Extra Strong Stock)

These can be shipped by express only.

APPLES

Baldwin. Large round, deep red, late variety.

Ben Davis. A late keeper; handsome striped fruit.

Fall Pippin. Large yellow, rich and delicious.

Grimes' Golden. Deep golden yellow; fine for Christmas.

Hyslop (Crab). Deep crimson with blase bloom.

Red Astrachan. Tart, juicy, flesh tinged with red; very early.

Stayman's Winesap. Good keeper; deep red on yellow ground.

Price of Apple Trees: 6 to 8 feet high, \$1.00 each; 6 for \$5.00; \$9.00 per dozen.

APRICOTS

Alexander. Orange yellow with faint blush; firm, coarse flesh.

Price of Apricot Trees: \$1.00 each; 6 for \$5.00; \$9.00 per doz.

CHERRIES

Black Tartarian (Sweet). Large, purplish black, immense bearer.

Early Richmond (Sour). Dark red; medium size; splendid flavor.

Large Montmorency (Sour). Light red; very productive.

Schmidt's Bigarreau (Sweet). A good late variety. Fruit large; flesh dark red. Very firm, sweet, rich and of good quality.

Napoleon (Royal Ann). The best and most profitable yellow sweet cherry. Flesh very firm, juicy and delicious.

Price of Cherry Trees: 5 to 7 feet, \$1.00 each; 6 for \$5.00; \$9.00 per dozen.

PEACHES

We find that these are better planted in the early Spring and are therefore not offering them for Fall delivery.

Our Spring Catalog, which will be issued early in January, will contain a complete list of Peaches and other stock for Spring planting.

PEARS

Bartlett. Yellow, shaded blush; very sweet and juicy; early.

Clapp's Favorite. An excellent table Pear; large, fine grained; yellow with crimson cheek; August.

Kieffer. A fine variety for late Autumn, and for canning.

Seckel. Small, yellowish brown, very sweet and juicy.

Price of Pear Trees: 5 to 7 feet, \$1.00 each; 6 for \$5.00; \$9.00 per dozen.

PLUMS

Abundance. Amber, turning to a rich bright cherry color.

Burbank. Orange yellow, overlaid red; rich and sugary.

Imperial Green Gage. Middle of August. A delicious, good-sized freestone, sweet and juicy. Greenish in color.

Price of Plum Trees: 5 to 6 feet, \$1.00 each; 6 for \$5.00; \$9.00 per dozen.

QUINCES

Champion. Very prolific bearer; large fruit.

Price of Quince Trees: 4 to 5 feet, \$1.00 each; 6 for \$5.00; \$9.00 per dozen.

NOTE.—We can also supply all other varieties of Fruit Trees.

50 MICHELL'S SEASONABLE VEGETABLE SEEDS, ETC.

A complete offering will be found in our General Catalog that was issued in January; copy may be had on request.

ASPARAGUS ROOTS

Ready Last of October

4,000 to 6,000 roots are required for an acre.



Beans, Masterpiece

Asparagus Roots are planted quite extensively during the autumn and invariably give good results.

If Asparagus Roots are wanted by Parcel Post add 10c. per 50; 15c. per 100 for postage.

	2-year-old Roots			
	Per 50	100	1000	
Palmetto or Eclipse	\$0.70	\$1.25	\$10.00	
Giant Washington	.85	1.50	12.00	

BEANS FOR FORCING

Masterpiece. A long, flat podded variety, especially adapted for growing under glass; quick grower; very tender. Pkt., 15c.; 60c. per lb.; 2 lbs., \$1.15; \$2.75 per 5 lbs.; 10 lbs., \$5.30 (by P. P., \$5.50); \$12.75 per 25 lbs.

Triumph of the Frames. Splendid for forcing under glass, producing a narrow, tender pod of considerable length. Pkt., 15c.; 60c. per lb.; 2 lbs., \$1.15; \$2.75 per 5 lbs.; 10 lbs., \$5.30 (by P. P., \$5.50).

BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite	\$0.10	\$0.15	\$0.35	\$1.00
Bassano Extra Early	.10	.15	.35	1.00
Bastian's Early Blood Turnip	.10	.15	.35	1.00
Bastian's Half Long Blood	.10	.15	.40	1.25
Crimson Globe	.10	.15	.40	1.25
Crosby's Egyptian	.10	.15	.40	1.25
Detroit Dark Red	.10	.15	.40	1.25
Detroit Dark Red (Michell's Special Strain)	.10	.20	.45	1.50
Early Wonder	.10	.15	.40	1.25
Eclipse	.10	.15	.40	1.25
Lentz Early	.10	.15	.40	1.25
Michell's Ideal	.10	.20	.45	1.50
Michell's Winter Keeper	.10	.25	.65	2.25

FORCING CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Guerande or Oxheart	\$0.10	\$0.20	\$0.55	\$1.75
Rubicon Half Long	.10	.20	.60	1.85
Very Early Short Horn	.10	.20	.60	2.00

CAULIFLOWER (Varieties Suitable for Forcing)

	Pkt.	¼ oz.	½ oz.	Oz.
Michell's Earliest Snowstorm	\$0.25	\$1.25	\$2.00	\$3.50
Early Selected Erfurt	.20	1.10	1.75	3.00
Early Snowball	.20	1.00	1.75	3.25

CORN SALAD

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved, Round Seeded	\$0.10	\$0.25	\$0.65	\$2.25

POP CORN (Shelled)

Our pop corn will be found in excellent condition for popping. Golden Queen and Snowflake. 15c. per lb. (by P. P., 25c.); 3 lbs., 40c. (by P. P., 55c.).

CORN POPPERS

1 qt. size, 25c. each (by P. P., 35c.); 2 qt. size, 35c. each (by P. P., 45c.).

ENGLISH CUCUMBERS



English Greenhouse Cucumbers

These are especially adapted for growing under glass in greenhouses, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Either of above varieties, 25c. per pkt. of 10 seeds; per 100 seeds, \$2.25.

WATER CRESS

True Erfurt. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; \$1.50 per ¼ lb.

KALE

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green Curled	\$0.10	\$0.20	\$0.45	\$1.50
Imperial Long Standing	.10	.15	.40	1.40
Siberian	.10	.20	.45	1.30

LETTUCE (Heading Varieties)

	Pkt.	Oz.	¼ lb.
All Heart	\$0.10	\$0.25	\$0.75
All Right	.10	.25	.75
Big Boston	.10	.25	.75
Boston Market (For forcing)	.10	.30	.85
Davey's Improved Big Boston	.10	.30	1.00
Dutch Butter	.10	.25	.75
Iceberg	.10	.25	.80
Improved Hanson	.10	.25	.75
Kingsholm Cos or Romaine	.10	.25	.80
Mammoth Salamander	.10	.25	.75
May King	.10	.25	.75
Michell's Number One	.10	.25	.75
New York or Wonderful	.10	.30	.90
Prize Head	.10	.25	.75
Unrivalled	.10	.30	1.00
Way-a-head	.10	.25	.75

LETTUCE (Loose Leaf Varieties)

	Pkt.	Oz.	¼ lb.
Black Seeded Simpson	\$0.10	\$0.25	\$0.75
Early Curled Silesian	.10	.25	.75
Early Curled Simpson	.10	.25	.75
Grand Rapids (For forcing)	.10	.25	.75

MICHELL'S MUSHROOM SPAWN

PURE SPORE CULTURE SPAWN

This Spawn is made in quart milk bottles under absolutely sterile conditions. One carton is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions for growing mushrooms.

Per carton	\$1.00	25 cartons	\$21.25
12 cartons	10.75	60 cartons	48.00

If wanted by P. P., allow 10c. per carton for postage.

PURE CULTURE BRICK SPAWN

Ask for our Free Booklet on Mushroom Culture. One Brick will spawn 8 to 10 sq. ft.

Pure White			
Per brick	\$0.35	Per 10 bricks	\$2.75
Per 5 bricks	1.50	Per 25 bricks	6.50
Per 50 bricks			
\$12.50			

If wanted by P. P., allow for postage at the rate of 10c. per brick; 15c. per 5 bricks; 25c. per 10 bricks.

MUSHROOM OR HOTBED THERMOMETERS

No. 20450. Iron Point, oxidized finish. \$2.00 (by parcel post, \$2.15).

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.



Forcing Melon, Windsor Castle

FORCING MELONS (English Varieties)

	Pkt.	3 pkts.
Blenheim Orange. Scarlet flesh.....	\$0.25	\$0.65
Sutton's A1. Flesh rich scarlet. Original pkt.....	1.25	
Windsor Castle. A green fleshed variety.....	.25	.65
MELON NETS. For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.50 per doz.; per 100, \$18.00.		

MUSTARD

	Pkt.	Oz.	¼ lb.	Lb.
Southern Giant Curled.....	\$0.10	\$0.15	\$0.40	\$1.25
White or Yellow.....	.10	.15	.35	1.00

ONION SETS

One quart will plant a row about 50 feet.

Yellow.....	New crop Onion Sets ready about Sept. 20th. Prices will be quoted upon application.
White.....	
Red.....	
White Multiplier.....	
Potato Onions.....	
Shallots.....	
Garlic Sets.....	

We give 32 lbs. per bushel on Onion Sets.

Tree or Top. These are used for producing scallions for early spring use; they should be planted in September; they are perfectly hardy. 28 lbs. per bushel. Per qt., 20c. (by P. P., 30c.); 60c. per 4 qts. (by P. P., 75c.); peck, \$1.00.

PARSLEY

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled.....	\$0.10	\$0.15	\$0.40	\$1.25
Double Curled or Covent Garden..	.10	.15	.40	1.25
Plain or Single.....	.10	.15	.40	1.25
Tom Thumb.....	.15	.35	.85	3.00

RHUBARB ROOTS

(Ready October 1st for Fall planting; April 1st for Spring planting)

Rhubarb is as readily obtainable in winter as in spring. The clumps, which should be at least four years old, should be planted in good garden soil in a cool cellar, preferably as dark as possible. When practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors.

Victoria. 3 for 50c. (by parcel post, 60c.); \$1.50 per doz. (by parcel post, \$1.75); per 100, \$10.00.



Early Scarlet Globe (Special Forcing)

RADISH (Early Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Crimson Giant.....	\$0.10	\$0.15	\$0.40	\$1.25
Early Scarlet Globe (Short Top). For forcing.....	.15	.25	.75	2.50
French Breakfast.....	.10	.15	.40	1.25
Icicle.....	.10	.15	.40	1.25
Long Scarlet Short Top.....	.10	.15	.40	1.25
Philadelphia White Box.....	.10	.15	.40	1.25
Round Red or Button.....	.10	.15	.40	1.25
Early Scarlet or Cardinal Globe..	.10	.15	.40	1.25
Scarlet Turnip, White Tipped.....	.10	.15	.40	1.25

RADISH (Summer and Winter Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Celestial or White Chinese.....	\$0.10	\$0.20	\$0.45	\$1.50
China Rose.....	.10	.20	.45	1.50
Long Black Spanish.....	.10	.20	.45	1.50
White Strasburg.....	.10	.20	.45	1.50

SPINACH

	Oz.	¼ lb.	Lb.	5 lbs.
Bloomsdale Long Standing Savoy..	\$0.10	\$0.20	\$0.50	\$2.25
King of Denmark.....	.10	.20	.50	2.25
Long Season.....	.10	.20	.50	2.25
Market Gardener's.....	.10	.25	.65	3.00

TOMATOES (Forcing Varieties)

	Pkt.	½ oz.	Oz.
Bides' Recruit.....	\$0.20	\$0.35	\$0.60
Comet.....	.10	.30	.50
Lloyd Forcing. A new variety.....	1.00	2.50	4.00
Sutton's Perfection (Imported). (Original pkt., \$1.25.)			

TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ lb.	Lb.
Cow Horn.....	\$0.10	\$0.15	\$0.35	\$0.85
Early Purple Top Flat.....	.10	.15	.35	.85
Early White Flat Dutch.....	.10	.15	.35	.85
Japanese Foliage. Top and root both edible.....	.10	.15	.35	1.00
Purple Top White Globe.....	.10	.15	.35	.85
Snowball.....	.10	.15	.35	.85
Southern Seven Top.....	.10	.15	.35	.85
Yellow Aberdeen. Globe-shaped..	.10	.15	.35	.85
Yellow Globe, or Amber.....	.10	.15	.35	.85
Ruta Baga, Yellow Purple Top....	.10	.15	.35	1.10



MICHELL'S RELIABLE GRASS SEED

Advantages of Sowing Mixed Grass Seeds

It is a well known fact that a well balanced combination of grasses will give better results than a separate variety. Various grasses in mixture will help crowd out weeds. Often a separate variety of seed will not thrive on certain soil, but where there is a combination of seeds, one or more varieties in the combination will surely thrive, and our formulas are so well blended that they will give very satisfactory results. Liberal and frequent applications are advised, especially on new ground, in order to produce a satisfactory velvety lawn, which is always much admired.

Quantity to Sow for Lawns. We recommend sowing one quart to a space 10 x 10 feet; one peck to 1000 square feet; half bushel to 2000 square feet; one bushel to 4000 square feet or 40 x 100 feet; six to eight bushels per acre on new ground without grass; for reseeding three to four bushels per acre. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 4 to 5 bushels per acre, based on a 20-pound bushel.

Prices quoted on Mixed Grass Seeds are prepaid in quantities up to one peck to the first and second zones; please add 20c. per $\frac{1}{2}$ bu., 30c. per bu. for the above zones if wanted by parcel post; for other zones, see parcel post table second cover page.

MICHELL'S SUPERIOR BENT GRASS MIXTURE

This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading varieties of Bent grasses, which are the foundation of the best Putting Greens. We recommend sowing this formula at the rate of one pound to a space 15 x 20 feet, or 300 square feet. 90c. per lb.; 5 lbs., \$4.25; \$19.00 per 25 lbs.; 100 lbs., \$72.50.

Michell's Clover Lawn Grass Seed. A mixture containing a liberal quantity of the best re-cleaned White Clover, which is peculiarly suited to take firm hold and grow quickly. 30 lbs. per bu. 30c. per pt.; qt., 55c.; \$1.00 for 2 qts.; 4 qts., \$1.90; \$3.50 per pk.; bu., \$13.50; \$44.00 per 100 lbs.

Michell's "Top Notch" Lawn Grass Seed. The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. \$3.00 per pk.; bu., \$11.50; \$45.00 per 100 lbs.

Michell's Green Velvet Lawn Grass Seed. Produces a perfect turf; composed of close growing, fine leaved hardy grasses. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.; bu., \$9.00; \$44.00 per 100 lbs.

Michell's Evergreen Lawn Grass Seed. Composed of the finest native and foreign short growing and fine bladed grasses. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.00 per pk.; bu., \$7.00; \$33.50 per 100 lbs.

Michell's Seashore Lawn Grass Seed. 20 lbs. per bu. Qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.; bu., \$9.00; \$44.00 per 100 lbs.

Michell's Shaded Lawn Grass Seed. Will produce a perfect sward in the most densely shaded places. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.; bu., \$9.00; \$44.00 per 100 lbs.

Michell's Fairmount Park Lawn Seed. A very satisfactory mixture at a moderate price. 20 lbs. per bu. 15c. per pt.; qt., 25c.; 50c. for 2 qts.; 4 qts., 95c.; \$1.75 per pk.; bu., \$6.00; \$28.00 per 100 lbs.

Michell's Special Sod Grass Seed. Produces a heavy sod in a short time, especially adapted for cemetery use. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.; bu., \$9.00; \$44.00 per 100 lbs.

Michell's Terrace or Embankment Grass Seed. Composed of deep-rooting varieties which will give very satisfactory results. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.; bu., \$9.00; \$44.00 per 100 lbs.

Michell's Southern States Evergreen Lawn Grass Seed. For dry, hot localities; especially suited to the Southern States. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.; bu., \$9.00; \$44.00 per 100 lbs.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fairways (Golf Course) Mixture. Composed of short-growing, deep-rooted varieties that resist wear. 20 lbs. per bu. \$2.00 per pk.; bu., \$7.00; \$33.50 per 100 lbs.

Michell's Athletic Field Grass Seed. A special mixture of deep-rooting, fine-leaved grasses. 20 lbs. per bu. \$2.00 per pk.; bu., \$7.00; \$33.50 per 100 lbs.

Michell's Putting Greens Mixture. A mixture of quick-growing, short, fine-bladed grasses. 25 lbs. per bu. 40c. per pt.; qt., 75c.; \$1.40 for 2 qts.; 4 qts., \$2.40; \$4.50 per pk.; bu., \$16.50; \$65.00 per 100 lbs.

MICHELL'S RELIABLE GRASS AND CLOVER SEED 53

If separate varieties of Grass and Clover seeds are wanted by Parcel Post, add 10c. per lb.; 20c. per 10 lbs., for postage to the first and second zones; for other zones, see parcel post table, second cover page.

MICHELL'S SPECIAL STANDARD FORMULA LAWN GRASS SEED

As recommended by the New Jersey Agricultural Experiment Station.

	Lb.	10 lbs.	25 lbs.	100 lbs.
No. 1. With White Clover.....	\$0.50	\$4.50	\$10.00	\$37.50
No. 1A. Without Clover.....	.45	4.25	9.75	35.00
No. 2. For Fine Quality Turf....	.75	7.00	15.00	55.00
No. 3. Shaded Areas Mixture....	.45	4.25	9.75	35.00
No. 4. For Poor or Sandy Soil...	.50	4.50	10.00	37.50

MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. This mixture is a combination of hardy grasses which are the most nutritious for stock feeding or grazing. Sow 4 to 5 bu. per acre on new land or 2 bu. on established pastures. 20 lbs. per bu. \$1.65 per pk.; bu., \$6.00; \$27.50 per 100 lbs.

Michell's Permanent Hayfield Grass Seed. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 4 to 5 bu. per acre on new lands or 2 bu. on established fields. 20 lbs. per bu. \$1.65 per pk.; bu., \$6.00; \$27.50 per 100 lbs.

GRASSES IN SEPARATE VARIETIES

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Bent Grass, Colonial or Velvet. Especially valuable for putting greens. 20 lbs. per bu. \$1.00 per lb.; 10 lbs., \$9.50.

Bent Grass, Creeping (South German). For lawns, putting greens, tennis courts, etc. 18 lbs. per bu. \$1.00 per lb.; 10 lbs., \$9.50.

Bent Grass, Rhode Island. For sowing at seashore resorts, on putting greens, tennis courts, etc. Sow 100 lbs. on a putting green, 100 feet square. 20 lbs. per bu. \$1.00 per lb.; 10 lbs., \$9.50.

Bent Grass, Certified Seaside (Sometimes called Cocoos Bent). Very highest quality, grown in Coos County, Oregon, and certified and sealed in 50-lb. bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal, perfect putting green turf. \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.; 50 lbs., \$40.00; \$75.00 per 100 lbs.

Bermuda Grass (Cynodon Dactylon). For sowing as far north as Washington, D. C. 35 lbs. per bu. 45c. per lb.; 10 lbs., \$3.50.

Blue Grass, Kentucky (Poa Pratensis). Superfine quality. Sow 70 to 85 lbs. per acre on lawns, 50 to 70 lbs. on pasture fields. 14 lbs. per bu. 35c. per lb.; 10 lbs., \$3.00.

Blue Grass, Kentucky. Fine quality. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Blue Grass, Canadian (Poa Compressa). 14 lbs. per bu. 35c. per lb.; 10 lbs., \$2.75.

Crested Dogtail (Cynosurus Cristatus). Excellent as a pasture and lawn grass. Sow 80 to 100 lbs. per acre. 21 lbs. per bu. 35c. per lb.; 10 lbs., \$3.00.

Fescue, Chewing's New Zealand (Festuca Chewing's). Especially recommended for putting greens and lawns. 14 lbs. per bu. 35c. per lb.; 10 lbs., \$3.00.

Fescue, Fine Leaved (Festuca Tenuifolia). This grass is especially valuable for dry soils. Sow 70 to 85 lbs. per acre. 14 lbs. per bu. 40c. per lb.; 10 lbs., \$3.50.

Fescue, Hard (Festuca Duriuscula). Splendid for golf links, tennis courts, etc. Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Fescue, Meadow (Festuca Pratensis). Sow 100 lbs. per acre. 22 lbs. per bu. 25c. per lb.; 10 lbs., \$2.00.

Fescue, Red (Festuca Rubra). European. Valuable for putting greens; also for sowing on sandy soil and in shaded places. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Fescue, Sheep's (Festuca Ovina). Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Herd or Red Top, Unhulled (Agrostis Vulgaris). Sow 60 to 80 lbs. per acre on lawns or 50 to 60 lbs. on pasture lands. 10 lbs. per bu. 20c. per lb.; 10 lbs., \$1.50.

GRASSES IN SEPARATE VARIETIES Continued

Orchard Grass (Dactylis Glomerata). Fine for sowing in shaded places. Sow 50 lbs. per acre. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.75.

Red Top, Fancy Recleaned. One of the best grasses for sowing for immediate effect. Sow 35 lbs. per acre. 32 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Rough Stalked Meadow (Poa Trivialis). A splendid grass for shady places. Sow 100 lbs. per acre. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Rye Grass, Domestic. Valuable in lawn mixtures demanding immediate effect. 20 lbs. per bu. 20c. per lb.; 10 lbs., \$1.75.

Rye Grass, Pacey's English (Lolium Perenne). Very quick growing. Sow 100 to 120 lbs. per acre. 24 lbs. per bu. 25c. per lb.; 10 lbs., \$2.25.

Rye Grass, English or Perennial. 24 lbs. per bu. 25c. per lb.; 10 lbs., \$2.00.

Rye Grass, Italian (Lolium Italicum). Imported. Very desirable for pasture; ideal for southern lawns. Sow 100 lbs. per acre. 18 lbs. per bu. 25c. per lb.; 10 lbs., \$2.25.

Sudan Grass Seed (Annual). This belongs to the forage crops. Sow 16 to 24 lbs. per acre. 25c. per lb.; 10 lbs., \$1.50.

Timothy (Phleum Pratense). Sow 25 lbs. per acre alone. 45 lbs. per bu. 15c. per lb.; 5 lbs., 65c.; \$1.10 per 10 lbs.

Wood Meadow (Poa Nemoralis). The best grass for sowing under trees. Sow 75 to 100 lbs. per acre. 14 lbs. per bu. 45c. per lb.; 10 lbs., \$4.25.

CLOVERS

Alfalfa or Lucerne (Medicago Sativa). Non-irrigated Western Grown Seed. Sow during May, August and September, 1/2 bushel (30 lbs.) per acre, preferably with no other crop. 35c. per lb.; larger quantity, price upon application.

Alfalfa (Grimm Strain). Claimed to be hardy in any and all regions; a heavy yielder and of deep-rooting ability. It requires about 15 to 20 lbs. of Grimm Alfalfa to properly seed an acre. 45c. per lb.; larger quantity, price upon application.

Alsike or Swedish Clover (Trifolium Hybridum). One of the best for mixing with timothy; grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn, 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. 30c. per lb.; larger quantity, price upon application.

Bokhara or Sweet Clover (Melilotus Alba). Used either as a feed crop or as a fertilizer to plow under. Grows from 3 to 5 feet high, thriving on almost any kind of soil. Sow 15 lbs. per acre during Spring and Fall. 15c. per lb.; larger quantity, price upon application.

Crimson Clover (Trifolium Incarnatum). Used principally for soiling or green manuring. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; height 1 to 2 feet. Sow any time from April to October, 20 lbs. to the acre. 20c. per lb.; larger quantity, price upon application.

Mammoth Red Clover (Trifolium Pratense Perenne). This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. Sow early in Spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs. per acre. 30c. per lb.; larger quantity, price upon application.

Red Clover, Medium (Trifolium Pratense). Used principally for hay purposes. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. 25c. per lb.; larger quantity, price upon application.

White Dutch or Lawn Clover (Trifolium Repens). Choice recleaned seed. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops. 10c. per oz.; 1/4 lb., 25c.; 40c. per 1/2 lb.; lb., 75c.; \$3.50 per 5 lbs.; 10 lbs., \$6.75; \$16.25 per 25 lbs.; 100 lbs., \$63.00. Prices on White Clover subject to change.

NITROGEN GATHERING BACTERIA

Stimugerm. For inoculating Clovers. 1/2 bu. size, 50c.; 1 bu. size, 90c.; 2 1/2 bu. size, \$2.25.

PRICES WHERE NOTED SUBJECT TO MARKET CHANGES

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, second cover page.

RAPE

Dwarf Essex. An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. It produces enormous crops and is ideal green manure. 15c. per lb. (by parcel post, 25c.); larger quantity, price upon application.

WINTER RYE

This makes a fine winter cover crop, being usually sown in the autumn as late as November. Winter rye will not mature if sown in spring. 56 lbs. per bu. Sow 1½ bushels per acre.

Pennsylvania White. 15c. per qt. (by parcel post, 25c.).

Rosen. An improvement on the Pennsylvania White. 15c. per qt. (by parcel post, 25c.).

Larger quantity price on Rye, quoted upon application.

TIMOTHY SEED

For sowing among wheat as a second year hay crop, or for sowing alone for a first year hay crop, this is extensively used. We aim to sell the purest and highest germinating quality. 45 lbs. per bushel. 15c. per lb. (by parcel post, 25c.); 5 lbs., 65c. (by parcel post, 80c.); \$1.10 per 10 lbs. (by parcel post \$1.30); larger quantity, price upon application.

WINTER VETCH (*Vicia Villosa*)

Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, being imported by us direct from Russia, which will absolutely live throughout the winter. Sow from August 1st to October 1st, but the earlier the better; broadcast 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. All stock relish it keenly. 25c. per lb. (by parcel post, 35c.); larger quantity, price upon application.

MICHELL'S CHOICE RECLEANED SEED WHEAT

FORWARD (Beardless)

This variety has gained rapidly in popularity. It has wonderful stooling properties, a single grain having been known to produce as high as fourteen stalks. A heavy yielder, 55 bushels per acre having been recorded. A very hardy variety, straw very thick-walled, of good length and bears up its heavy load of grain well. This variety is well liked by millers, the grain being of a dark color and of hard texture; medium early in ripening. Sow 1½ to 2 bushels per acre. 20c. per qt. (by parcel post 30c.); larger quantity, price upon application.

LEAP'S PROLIFIC (Beardless)

A most prolific variety indeed and may be relied upon to give big crops. It stools out strongly and roots deeply. The grain is large, dark red and of the best milling qualities. The heads are large, the chaff is beautiful white and is without beards. "Leap's Prolific" is one of the earliest to ripen and we recommend it as an all-around good variety. Sow 1½ bushels per acre. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

"MIRACLE" (Bearded)

This variety produces a magnificent heavy growth of straw which is very stiff and erect. The head is bearded and contains well-shaped red grains of a semi-hard nature of excellent milling qualities. **It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to the head or stalk.** Often yields from 40 to 45 bushels per acre under average conditions. We recommend sowing one bushel per acre. It is early to mature and produces straw often 5 feet high. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

PENNSYLVANIA 44 (Bearded)

A variety originating at the Pennsylvania Agricultural Experiment Station and developed from the Fulcaster. Grains red, purple straw, white chaff. It is a few inches taller than Fulcaster, and with stiffer straw. This variety has yielded an average of 35 bushels per acre. Sow 1½ to 2 bushels per acre. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

RED WAVE (Beardless)

A very popular variety, succeeding in all kinds of soil, and has been especially successful in lands not too rich in lime. Upon sandy, gravelly soil Red Wave is especially suited. This variety is a heavy producer; heads are extremely long, with grains closely set; on good rich soil this variety has yielded 40 to 45 bushels per acre. It takes a little longer for this variety to mature than the earliest varieties. The straw is long and withstands storms remarkably well. Grains large and dark red and produces flour of good quality. This is truly a worthy variety, the result of a cross of Red Clawson and an unnamed cross-breed of Russian parentage. 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

Prices of Seed Wheat fluctuate constantly and will be quoted upon application.

NITROGEN-GATHERING BACTERIA

STIMUGERM

The following crops are in season for sowing now and should be inoculated:

ALFALFA, ALSIKE, CRIMSON CLOVER,

RED CLOVER, VETCH

For Alfalfa and all Clovers, ½ bu. size, 50c.; 1 bu. size, 90c.; 2½ bu. size, \$2.25.

For Winter Vetch, ½ bu. size, 35c.; 1 bu. size, 60c.; 2 bu. size, \$1.00; 5 bu. size, \$2.25.

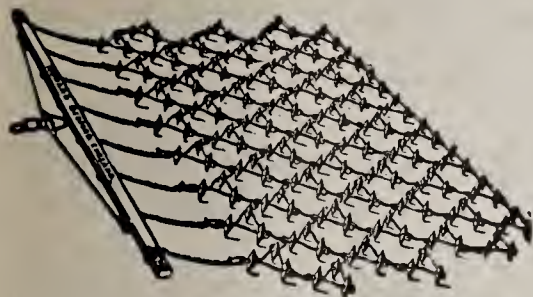
WHEAT FERTILIZER

Especially compounded for seed wheat and other grains, also for grass. 100 lbs., \$2.50; \$4.75 per 200 lbs.; ½ ton, \$23.50; \$45.00 per ton.

MICHELL'S HIGH-GRADE
PHOSPHATE

For grain and grass crops, etc. 100 lbs., \$3.00; \$5.50 per 200 lbs.; ½ ton \$21.00; \$40.00 per ton.





SCOTCH CHAIN HARROW

One of the best implements for pulverizing the surface soil, leveling and smoothing; also splendid for covering grass seed, etc.

No.	Size	Weight	Price
1F.	One-horse size, 5 x 6 ft.	126 lbs.	\$35.00
2F.	Medium two-horse size, 6 x 7 3/4 ft.	236 lbs.	48.00
3F.	Full two-horse size, 9 x 11 ft.	357 lbs.	60.00

LAWN AND PUTTING GREEN CLEANER

The flexible rake bars are of wood, with steel springs and teeth; they rotate like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear.

Price, 24-in. Rake, or Sweeper, \$30.00.

Please specify when ordering if wanted for lawn or putting greens.

Sweeping Brushes. Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Price, per set of three, 24-inch, \$7.00.



Great American Wheelbarrow

WHEELBARROWS

The measurements of barrows are understood, viz.; length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	Tire	No.	In.	Length	In.	Depth	In.	Width	In.	Price
Gt. Amer.	1	2 3/4	30	12	25					\$9.00
Gt. Amer.	2	2 3/4	28	12	24					8.00
Gt. Amer.	3	2 3/4	26	12	22					7.50
(Boys')	4	1 3/4	22	9	18					5.75
Canal. Side dump (bolted)										4.50
Special Greenhouse Style. Narrow body and handle width										10.50



Acme

MOLE TRAPS

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames.

Acme	\$2.00 (by P. P., \$2.25)
Olmstead	2.00 (by P. P., 2.25)
Reddick	1.25 (by P. P., 1.50)



KEYSTONE LEAF RACK

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire bolted to a wooden base. Price, not including wheelbarrow, \$8.25.



WOOD LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown below.

Leaf Rack only, no truck.....\$10.50
Leaf Rack with 3 1/2-inch tire truck.. 28.50
Truck with 3 1/2-inch tire wheels, no rack or barrel..... 18.00



BARREL TRUCK, ETC.

The truck is constructed so that the barrel may be detached quickly and the leaf rack attached.

3 1/2-inch tire truck, all iron wheels, with barrel.....\$25.00
Extra Barrels, with trunnions, open head..... 7.00

RUBBISH BASKETS

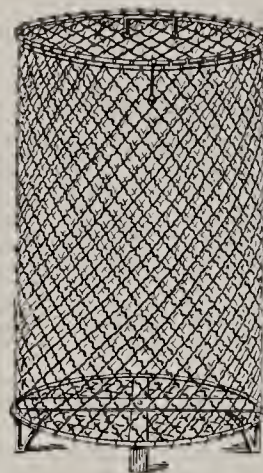
A basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.00 each.

STERLING MOUNTED GRINDSTONE

Substantially made; heavy steel frame with seat and double treadles; fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1 3/4 to 2 1/4 inches thick. Weight, 100 lbs.

Shipped knocked down, crated. Price, \$12.00.

RUBBISH CONSUMERS

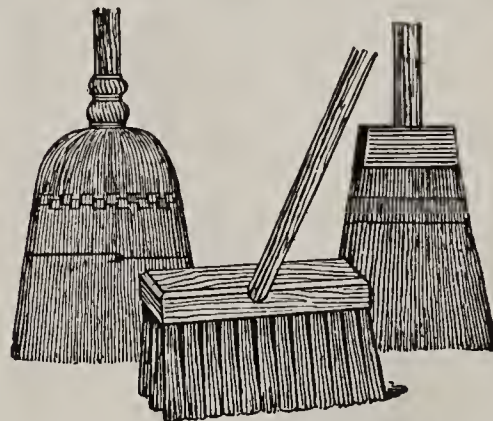


No. 5. Made of heavy crimped wire; pressed steel top and bottom; painted green. 29 inches high. Price, \$4.50 each.

Extra Heavy Construction

No. 10, 16x22 in.....\$11.50
 No. 20, 20x30 in..... 16.50

No. 20 Rubbish Consumer



Plain Corn Rattan Push Jap. Fibre

BROOMS AND BRUSHES

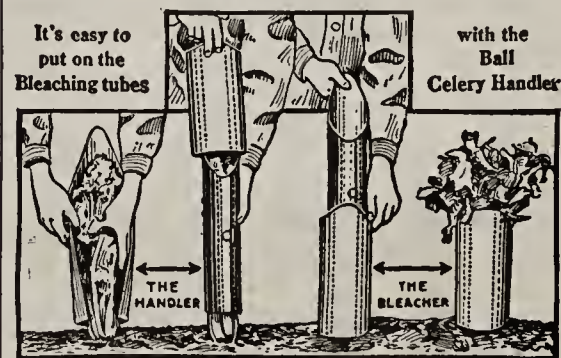
For sweeping paths, gutters, roads, etc.; all with handles.

BROOMS

No. 230. Japanese Fibre.....\$1.00
 No. 8. Corn and Rattan mixed..... .75
 Golf Greens (Birch)..... .30
 No. 7. Plain Corn, extra quality..... .75

ROAD BRUSHES

No. 271. Rattan Push, 14-inch....\$1.00
 No. 1414. Bass or Cocoa Push, 14-inch 1.00



BALL LIGHTNING CELERY BLEACHERS

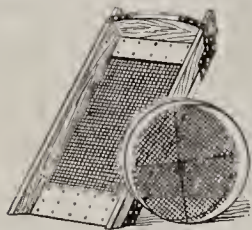
A practical, inexpensive device for bleaching celery early; made from a special process paper, which is sufficiently waterproof to stand wet weather.

Size	Per 100	Per 1000
6 x 12 inch	\$2.85	\$24.00
6 1/2 x 13 inch	3.15	27.00
7 x 14 inch	3.60	30.00

BALL CELERY HANDLER

Brass, \$3.00 each. Tin, \$1.50 each.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage.



SIEVES

(Any Size Mesh)
Made extra well.

	By P.P.	Each
18-inch Steel (Heavy).....	\$1.75	\$1.95
18-inch Galvanized wire.....	1.75	1.95

LARGE UPRIGHT SIEVE

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. Price, \$17.50.



No. 8 Digger



Eureka



Spade

POST HOLE DIGGERS

No. 8. This bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches. Price, \$5.50.

No. 15. Eureka. Price, \$2.50.

Post Hole Spade. All steel with tamper end. Price, \$2.50.



PICKS (Price includes Handle)

All steel, double point. Price, \$1.50.

MATTOCKS

(Price includes Handle)

Axe pointed.....	\$1.50
Pick pointed.....	1.25
Half Mattocks or Grub Hoes.....	1.25

AXES

Plumb Make. Medium, man's size; made of best quality steel. Price, \$2.50 (by P. P., \$2.70).

STEEL HAMMERS

No. 011½ Pexto. Price, 80c. (by P. P., 90c.).

HATCHETS

Made of the best quality tool steel, that will keep an edge.

Plumb. Price, 90c. (by P. P., \$1.05).

MONKEY WRENCHES

For machinery. Made of first quality hard steel.

	Each	By P.P.
8-inch.....	\$1.00	\$1.15
10-inch.....	1.25	1.40



STEEL PLIERS

No.	Each	By P.P.
133. Side cutting, 6-inch.....	\$0.90	\$1.00
133. Side cutting, 7-inch.....	1.00	1.10

PEXTO SCREW DRIVERS

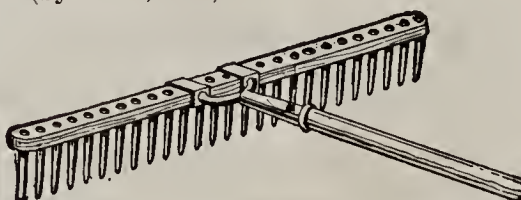
	Each	Each
4-in. blade....	\$0.50	6-in. blade....\$0.65
5-in. blade....	.60	7-in. blade.... .75
10-in. blade.....	\$1.00	

If wanted by Parcel Post, add 10c. each for postage.



CORN KNIFE

No. 300. Eureka. Bent blade. Price, 60c. (by P. P., 75c.).



OLE OLSEN LAWN RAKE

Made of best hardwood, well braced; teeth set close together.

26-tooth, hickory wood. Price, \$1.00.

HOOVER LAWN RAKE

Made from flexible spring steel wire; 20 inches wide. Price, 75c.



WOODEN RAKES

	Price
Ames, No. 37X. 28-tooth, steel bows..	\$1.25
Ames, No. 30X. 14-tooth, hardwood..	.75



Improved Metal Grip Rake

BAMBOO RAKES

Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower beds, borders and from the lawn.

	Price
18-inch, with bamboo handle (old style)	\$0.50
18-inch, with hardwood handle.....	.75
24-inch, with hardwood handle.....	1.00
30-inch, with hardwood handle.....	1.50



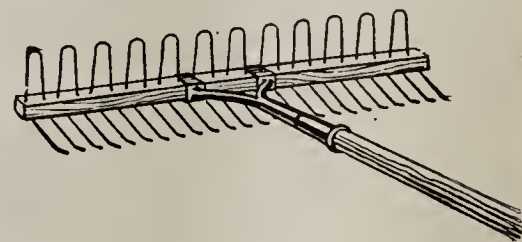
STEEL BRUME RAKE

Spring steel teeth; will remove the smallest leaves and litter. Price, 85c. each.

FULLER LAWN BROOM



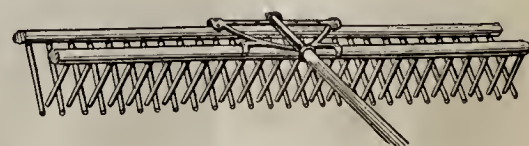
Well made of good material; has 28 flexible spring steel teeth, ¾ inches apart. Price, \$2.00.



WIRE LAWN OR GRASS RAKE

Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

	Price
No. 124R—24-tooth.....	\$0.75
No. 36LR—36-tooth.....	1.25



AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

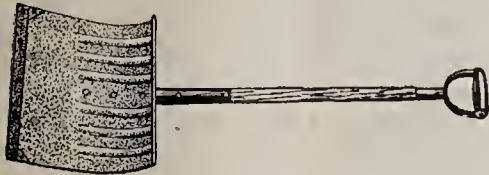
	Price
Wood, 26-tooth.....	\$1.60

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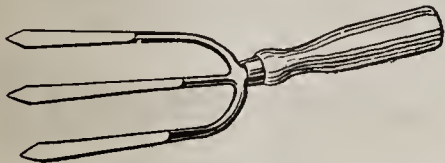
WIRE SCOOP SHOVEL

For handling potatoes, turnips and root crops without bruising or cutting. Made of heavy steel wire.....\$2.75



SNOW SHOVELS

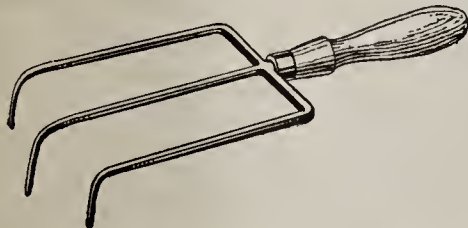
Adams. Wood, D handles.....\$0.90
Phillips. Wood, long handle..... .90
Owosso. Galvanized, 16 inches wide (see illustration)..... 1.35



EUREKA WEEDING FORK

No. 300. Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds, etc.

Short handle, 45c. (by parcel post, 55c.).
G4. Long handle, 65c. each.



EUREKA WEEDER No. 6

No. E. Made of flexible steel; very light, an ideal tool for market gardeners, florists and amateurs.

Short handle, 50c. (by parcel post, 60c.).
No. EL4. Long handle, 75c. each.



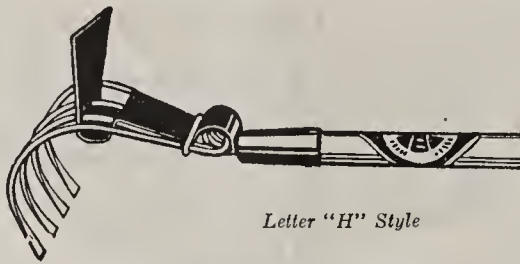
EXCELSIOR WEEDER

Made of malleable iron, finished in tin, 15c. (by parcel post, 25c.).



EXCELSIOR WEEDING FORK

No. 444. Made of malleable steel, finished in tin. 15c. (by parcel post, 25c.).



Letter "H" Style

MAGIC WEEDER

Made of heavy galvanized flexible wire with flattened prongs or ends.

Letter A. Short handle, small.....\$0.20
(By parcel post, 30c.).

Letter B. Short handle, medium..... .25
Letter F. Long handle..... .75
Letter H. Long handle, large..... 1.25



HAZELTINE WEEDER

No. BW1, 30c. (by parcel post, 40c.).

DIBBLES

For Planting Bulbs, Etc.

Equipped with wooden handles.

No. 2180. Brass point, \$1.00 (by parcel post, \$1.10).

No. 218. Iron point, 85c. (by parcel post, 95c.).



JOHNSON STEEL TROWELS, No. 211

These are made of one-piece steel blade and shank, equal to the imported trowels.

	By P.P.
5-inch.....	\$0.70 \$0.80
6-inch.....	.75 .85
7-inch.....	.80 .90



D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool.

6-in. blade, 75c. each (by parcel post, 85c.).



CLEVES' ANGLE TROWEL No. 217

For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

	By P.P.
5-inch.....	\$0.20 \$0.30
6-inch.....	.25 .35
7-inch.....	.30 .40

LONG HANDLE TROWEL

Steel blade, wooden handle; 16 inches over all. 30c. each (by parcel post, 40c.).



OLD ENGLISH BULB TROWEL

Heart-shaped blade, 4 3/4 inches wide; for planting out bulbs and plants.

Price, \$1.00 (by parcel post, \$1.10).

MISCELLANEOUS TROWELS

Each By P.P.
No. 0. Neverbreak—5-inch, heavy steel.....\$0.15 \$0.25
No. 215. Steel, wood handle. .25 .35

HOLE IN ONE

Plant Setter

An excellent tool for planting bulbs or transplanting various plants; makes the proper size hole with ease. Price 50c.



COMCO WEED PULLER

The Comco makes killing dandelions and other similar weeds a pleasure, it pulls them out by the roots; no stooping or bending to get them out. Easy to handle in either hard or soft ground; push ejector down, place over center of weed and push into the ground. Soil will push pedal up, aiding in extraction of root.

Price, 75c. (by P.P., 85c.).

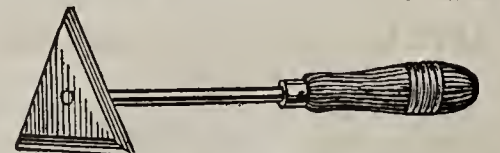


CLEVELAND LAWN WEEDER

Easy to operate, saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it, without disturbing the surrounding sod. Price, \$1.25.



Cleveland



TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3. Short handle, 65c. (by P. P., 75c.).
No. 5. 2-foot handle, extra heavy, \$1.25.

TREE OR BARK BRUSH

For brushing down trees, for removing insects, borers, etc. Made of steel.

Price, 8 1/2-inch, 30c. (by P. P., 40c.).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table on second cover page.



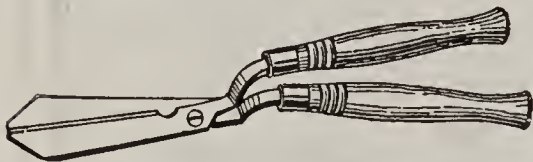
PRUNING SHEARS

Our pruning shears are procured from the most reliable makers and fully guaranteed.

If wanted by Parcel Post, add 15c. each for postage and insurance.

No.		Length	Each
100	Michell.....	9 in.	\$3.75
5945	Elbersmit.....	9 in.	2.00
5720	Elbersmit, Nickered... 5 1/2 in.		1.50
5720	Elbersmit, Nickered... 6 1/2 in.		1.75
1586	French.....	7 in.	2.00
1586	French.....	8 in.	2.25
23	Levin.....		.75
R65	Pexto.....	9 in.	1.75
50	Pexto.....	8 in.	.95
R50	Pexto.....	9 in.	1.00
5	Pexto.....	9 in.	.50
109	Wiss.....	8 in.	3.00

Spiral Springs for any of the above pruning shears, 20c. each; per doz., \$2.00.



HEDGE SHEARS

If wanted by Parcel Post, add 25c. each for postage.

No.	Disston	Eng-lish
101A.	6 1/2-inch, Ladies'....	\$1.50
101A.	8-inch.....	2.50
101A.	9-inch.....	2.75
101A.	10-inch.....	3.00
101A.	12-inch.....	4.50

Bolts and Nuts for hedge shears, 30c.

Handles for Hedge Shears, \$1.00 per pair.

LITTLE WONDER HEDGE TRIMMER

Designed only for trimming back the new growth of hedge. The cutting knife runs backward and forward through a knife guard and is operated by turning a wheel.

Junior.	30-in. cut.....	\$25.00
Little Wonder.	40-in. cut.....	27.50
Little Wonder.	60-in. cut.....	35.00

O. K. ELECTRIC HEDGE TRIMMER

No. 2. For home use..... \$9.00

No. 1. For use on estates, cemeteries, etc..... 15.00

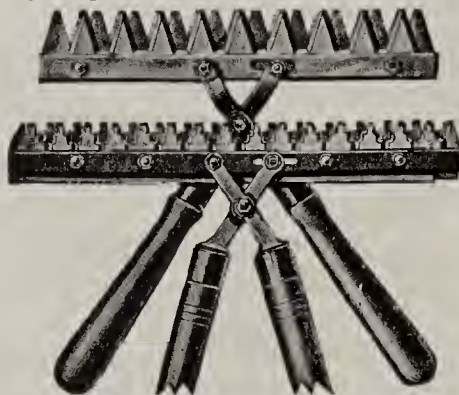
CLYDE HEDGE SHEARS

No. 5430. Drop forged solid tool steel blades, notched, full polished; handles 12 in. long; blades 9 in. Price, \$2.00.

No. 5435. Especially for ladies' use. Drop forged solid tool steel; handles 9 in. long; blades 6 in. Price, \$1.50.

SIMPLICITY HEDGE TRIMMER

No. 100. To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. \$3.50 (by P. P., \$3.75).



SIMPLICITY HEDGE PRUNER AND TRIMMER

No. 101. For pruning back old growth and trimming new, \$4.50 (by P. P., \$4.75).



Clyde Draw Cut Lopping Shears

LOPPING SHEARS

No. 5409 1/2. Clyde. Solid tool steel blade and hook; ash handles, 24 in. long. Price \$1.75 (by P. P., \$2.00).

No. 5402. Clyde Draw Cut. Blade, hook and shank are forged from tool steel; ash handles, 30 in. long. Price, \$3.25 (by P. P., \$3.50).

Disston Lopping. Polished hardwood handle, 20 inches long; heavy ferrule; heavy blades for heavy work; weight, 3 1/4 lbs. Price, \$2.75 (by P. P., \$3.00).

Disston Bull Dog Lopping. Both jaws curved and both cutting jaws; weight 3 1/3 lbs. Price, \$2.50 (by P. P., \$2.65).

Rhodes. Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. 26-inch and 30-inch handles. Price, \$3.50 (by P. P., \$3.75).

PRUNING GLOVES

No.	Pair
225.	Horsehide, with gauntlets, not lined..... \$2.50
280.	Horsehide, with gauntlets, lined 1.85
228F.	Horsehide, no gauntlets, not lined..... 2.50



Eazy Wear

EEZY WEAR GARDEN GLOVES

All leather, soft as kid; dirt-proof, durable, washable. 75c. per pair.

CLYDE TREE TRIMMER

No. 5407. Both blade and hook are made from the best tool steel firmly riveted to bass-wood handles. Removable cutting blade and pole complete.

6 feet.....	\$2.50
8 feet.....	2.75
10 feet.....	3.00
12 feet.....	3.25
14 feet.....	3.50

Extra blades for Clyde Pruners, 25c. each.



TREE PRUNERS

Disston's Little Giant. Pruner..... \$2.00

Disston's Little Giant. With saw attachment..... 3.00

Poles for Tree Pruners

12 feet long, 1 1/4 inches diameter.....	\$2.75
14 feet long, 1 1/4 inches diameter.....	3.00



DISSTON PRUNING SAWS

If wanted by Parcel Post, add 15c. each for postage.

No. 4.	18-inch. Double edge.....	\$1.50
No. 4.	20-inch. Double edge.....	1.75
No. 7.	16-inch. Single edge.....	1.25
No. 7.	18-inch. Single edge.....	1.50
No. 7.	20-inch. Single edge.....	1.75
No. 7.	22-inch. Single edge.....	2.00
14-inch.	California Pattern. Crescent-shaped blade.....	1.10

CROSS CUT LOG SAWS

Disston Make

Keystone No. 3, one man, 3 1/2-ft. blade \$3.50

Gt. American, two man, 5-ft. blade... 5.50

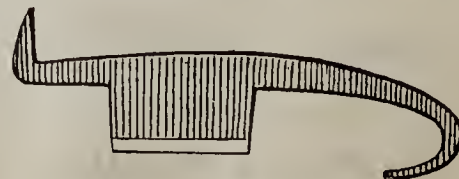
CARPENTER SAWS

State if rip or cross cut is wanted.

Disston No. 8D. 26-inch blade..... \$2.75

GRAFTING WAX

1/4 lb., 20c.; 30c. per 1/2 lb.; per 1 lb., 50c. (by P. P., 60c.).



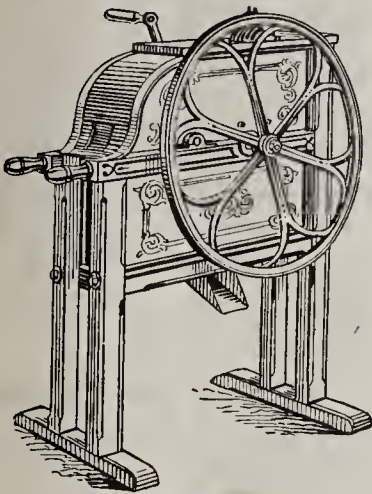
GRAFTING TOOL

Made of the best steel. For grafting trees, etc. \$1.00 (by P. P., \$1.10).

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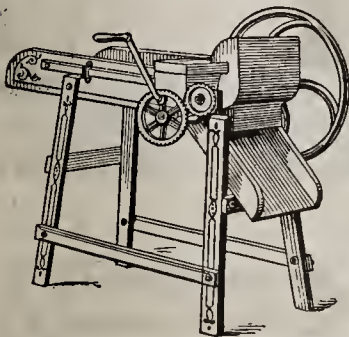
PENNA. CORN SHELLER No. 3

Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another. Price, \$15.00.



BLACK HAWK CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing; suitable for fastening to a bench, box, etc., for shelling small quantities of corn. \$3.00 each (by P. P., \$3.25).



HAY AND FEED CUTTER

For cutting hay, ensilage, etc. No. 8½. Ohio Pony. Single knife. Price, \$35.00.

LIGHTNING HAY KNIFE

For cutting down hay in mows, stacks or bales, also for ensilage or dry corn fodder. Price, \$3.00.

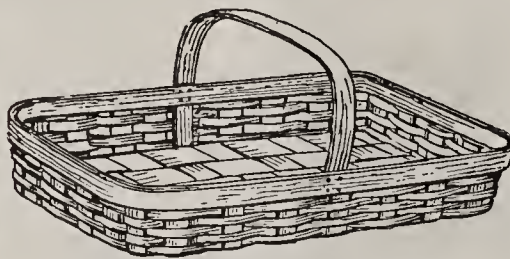
BANNER ROOT CUTTERS



Roots of vegetables cut up fine take the place of grass and greens during the winter months.

No. 7. For poultry, sheep and lambs. Price, \$7.00.

No. 35. Large size. Price, \$40.00.



GATHERING BASKET

Very convenient for carrying vegetables, etc. Made of oak, with substantial handles; 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00 (by P. P., \$1.20).

GARDEN BASKETS



No. 2, Stiff Handle

½ bu., 80c. each (by P. P., \$1.00).

No. 3, Drop Handle

½ bu., 80c. each (by P. P., \$1.00).

No. 4, Without Handle

½ bu., 85c. each (by P. P., \$1.00).
1 bu., \$1.00 each (by P. P., \$1.20).



SPLINT OR CHIP BASKETS

With Single Stiff Handles

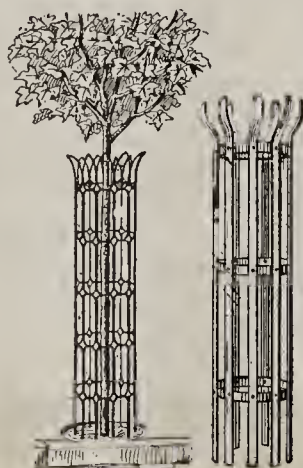
	Each	Doz.
⅛ bu.....	\$0.12	\$1.25
¼ bu.....	.15	1.50
½ bu.....	.20	1.75
¾ bu.....	.25	2.25
1 bu.....	.30	2.75

TREE GUARDS

Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner. 12-in. diam., \$1.75 each; 9-in. diam., \$1.50 each.

No. 4. Iron. Made of flat iron finished black; will last indefinitely with an occasional painting, \$4.50 each.

Phila. Official Tree Guard. Made of heavy round iron. \$6.50 each.



Wire Guard Iron Guard

WIRE NETTING

Price is constantly changing and is subject to market.

No. 19. Galvanized, two-inch mesh, 150 running feet per bale.

Width	Per bale	Width	Per bale
12 inches.....	\$1.50	42 inches.....	\$4.00
18 inches.....	2.25	48 inches.....	4.50
24 inches.....	2.75	60 inches.....	5.50
30 inches.....	3.25	72 inches.....	6.75
36 inches.....	3.75		

No. 20. Galvanized, one-inch mesh, 150 running feet per bale.

Width	Per bale	Width	Per bale
12 inches.....	\$2.75	42 inches.....	\$7.00
18 inches.....	4.00	48 inches.....	8.25
24 inches.....	4.75	60 inches.....	10.25
30 inches.....	5.50	72 inches.....	12.00
36 inches.....	6.00		

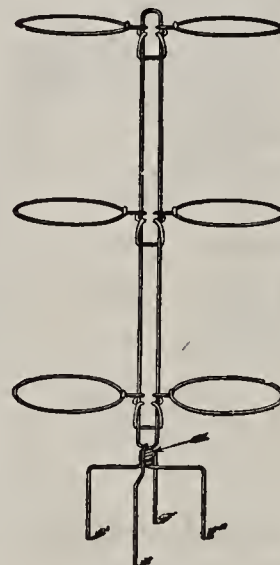
STAPLES

¾ inch, for fastening netting, 15c. per lb. (by parcel post, 25c.).

CUT WIRE NETTING

We can furnish this in both 1- and 2-inch mesh, in units of 25-ft., 50-ft., 75-ft., 100-ft. and 125-ft. lengths. 1-inch mesh at 4c. per square ft.; 2-inch mesh at 2c. per square ft.

MICHELL'S DOUBLE CARNATION SUPPORTS



3-Ring

The best double support on the market; made of Nos. 11 and 14 galvanized wire, 28 inches high; can be put together in less than a minute; will not fall apart.

Per doz....\$ 1.75
Per 100.... 12.50
Per 1000...110.00

MICHELL'S DOUBLE SNAP- DRAGON SUPPORTS

The only support of the kind on the market and indispensable to the proper growing of this popular plant. 48 inches high; 3-ring.

Per doz., \$2.50; \$16.50 per 100.

JONES' POT BRACKET

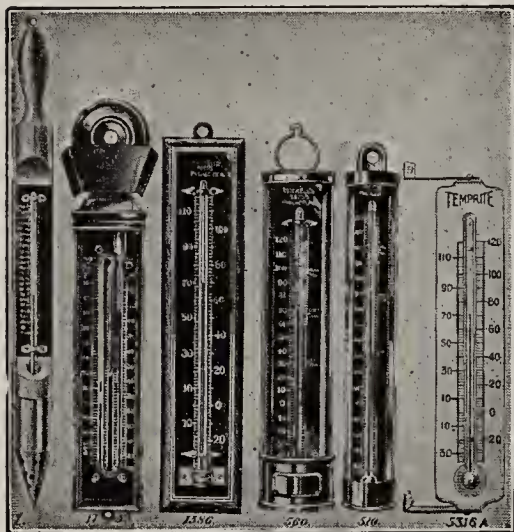
No. 1. Holds 5-inch pot. Each, 60c. (by P. P., 70c.).

No. 2. Holds 6-inch pot. Each, 70c. (by P. P., 80c.).

No. 3. Holds 7-inch pot. Each, 85c. (by P. P., 95c.).



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THERMOMETERS

No. 1753. **Maximum and Minimum.** Registers the coldest and warmest point during the previous night. 10 in., black tin case. Price, \$4.75 (by P. P., \$4.85).

TESTED THERMOMETERS

If wanted by Parcel Post, add 10c. each for postage.

	Each
No. 506—8 inch, Tin Case.....	\$0.85
No. 510—10 inch, Tin Case.....	1.00
No. 556—8 inch, Greenhouse.....	1.25
No. 560—10 inch, Greenhouse.....	1.50
No. 652—8 inch, Genuine Copper Case.....	2.00
No. 656—10 inch, Genuine Copper Case.....	2.25
No. 1582—8 inch, Wood Back, Black Scale.....	2.00
No. 1586—10 inch, Wood Back, Black Scale.....	2.25
No. 5127—8 inch, Temprite Greenhouse; white enamel, red column...	1.25
No. 5316A—8 inch, Temprite Window or wall, white enamel, red column...	1.00

GLASS DAIRY THERMOMETER

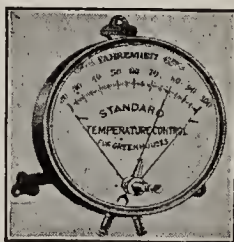
No. 5724. For testing milk, etc., also used for soil purposes. 35c. each (by P. P., 45c.).

MUSHROOM OR HOTBED THERMOMETER

No. 20450. Iron Point, oxidized finish, each \$2.00 (by P. P., \$2.15).

RECORDING THERMOMETER

No. 200. This type of thermometer which can be equipped with either a daily or weekly chart enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, \$40.00 by express.



Thermostat

ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

No. GH3, not waterproof style, \$11.50 (by P. P., \$11.75).

No. GH4, waterproof style, \$17.50 (by P. P., \$17.75).



- 1 2 3
No. 1. Peerless.
No. 2. Siebert's.
No. 3. Zinc Nails.



GLASS CUTTERS

Single Wheel, steel, each.....	\$0.15
6 Wheel, steel, each.....	.40
No. 8 Small Diamond. Ebony handle.	5.00
No. 8A Large Diamond. Mahogany handle.....	6.00

LIQUID GLAZING PUTTY

Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine. Especially adapted for glazing wood and metal sash. Per gal., \$2.25.

MASTICOTE GLAZING CEMENT

Black. Apply with a mastica machine. Per gal., \$1.50.

MASTICA

For glazing greenhouses. One gallon will cover about 300 running feet. Gal., \$2.25.

GREENHOUSE PAINT

A superior white paint for sash bars, sash frames, etc. Per gal., \$3.50.

DAYLIGHT GLASS CLEANER

For taking off whitewash shading, etc. Apply with a brush, leave on a few minutes and rinse off with cold water. One gallon will clean 400 to 600 square feet of glass. Per gal., \$2.50; \$10.00 per 5 gals.

PEERLESS GLASS REPAIR CLAMP

For supporting broken lights of glass. Will not rust.

Price, \$1.75 per 100 (by P. P., \$1.85).



GLAZING CHISEL

Made of the best quality steel. Price, \$1.25 (by P. P., \$1.40).

GLAZING POINTS

Peerless. Three sizes.

No. 1, for single thick glass.

No. 2, for single thick glass.

No. 2½, for double thick glass.

Price, 60c. per 1000 (by P. P., 70c.).

Pincers. For driving Peerless Points, \$1.00 (by P. P., \$1.10).

Siebert Style (Zinc). Made with a prominent head; cannot rust; easily driven. 5/8, 3/4 and 7/8 inches long. 45c. per lb. (by P. P., 55c.); 5 lbs., \$2.15 (by P. P., \$2.30). 1000 to 1200 in a lb.

Zinc Glazing Nails. 40c. per lb. (by P. P., 50c.).

PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, \$1.50 (by P. P., \$1.60).



Mastica Machine



Putty Distributor

MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$3.00 (by P. P., \$3.15).



GLAZIT GUN

For applying liquid glazing putty, mastica, etc. Price, \$4.50 (by P. P., \$4.65).



Spraywell



Scollay



RUBBER SPRINKLERS

Spraywell style in either straight or crook neck.

	Each
No. 1. Spraywell Style. 6-oz. capacity..	\$0.80
2. Spraywell Style. 8-oz. capacity..	1.00
3. Spraywell Style. 10-oz. capacity..	1.20
1. Scollay. 12-oz. capacity.....	1.50

If wanted by parcel post, add 10c. each.

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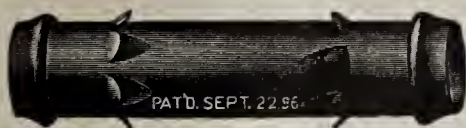


RUBBER HOSE

	Per ft.
Michell's Special, 1/2 inch.....	\$0.12
Michell's Special, 5/8 inch.....	.13
Michell's Special, 3/4 inch.....	.14
Electric. You cannot kink it. 1/2 inch.	.16
Electric, 5/8 inch.....	.17
Electric, 3/4 inch.....	.18
Emerald Cord. 3/4 inch; in 25- and 50-foot sections only.....	.20
Spray Pump Hose, Electric, 3/8 inch.	.14

All brands (excepting Emerald Cord) come in reels of 500 feet and sections in any length to that number of feet may be had. 25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. 3/4 inch, 5c. per doz.; 1/2 lb., 15c.; 50c. per lb.; 1 inch, 6c. per doz.; 1/4 lb., 20c.; 75c. per lb.



Cooper Hose Mender

HOSE MENDERS

	Each	Doz.
If wanted by parcel post, add 10c. per doz. for postage.		
Cooper's, 3/4 inch.....	\$0.10	\$1.00
Cooper's, 5/8 inch.....	.10	1.00
Cooper's, 1/2 inch.....	.10	1.00
Jones Iron, 3/4 inch.....	.10	1.00

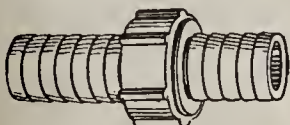
PERFECT HOSE MENDERS



Made entirely of brass, with swivel motion—no band required.

For 1/2-inch and 3/4-inch hose, 10c. each; doz., \$1.00 (by P. P., \$1.15).

HOSE COUPLINGS



If wanted by parcel post, add 5c. each; 20c. per doz. for postage. Pair Doz.

Plain Brass (see cut)... 1/2 inch \$0.20 \$2.00

Plain Brass..... 3/4 inch .20 2.00

Perfect. Equipped with a clamp on the male and female part for securing to the hose, no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 30c. per pair; doz., \$3.25.

HOSE REDUCERS

For reducing 1 in. pipe to fit regular 3/4 in. hose.

Each, 50c. (by P. P., 60c.).



Caldwell Band as applied to Hose



HOSE BANDS

For fastening couplings and menders.

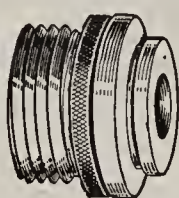
CALDWELL'S

If wanted by parcel post, add 10c. per gross for postage.

No.	Doz.	Gross
8 For 4-ply hose.....	\$0.35	\$3.25
6 For 3-ply hose.....	.35	3.00

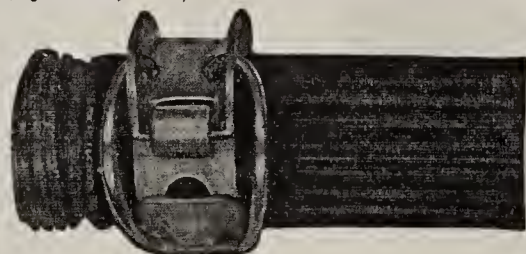
SURE GRIP

Can be furnished in 1/2 inch, 5/8 inch and 3/4 inch either size, 5c. each; doz., 40c. (by P. P., 45c.).



RAIN KING COUPLINGS

Snap together instantly; fits nozzles, sprinklers and hose connections. 60c. each (by P. P., 65c.).



NOSCREW HOSE CLAMP

Installed instantly without annoyance, by hand, no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nicked; made in 1/2 inch, 5/8 inch and 3/4 inch sizes. 10c. each; doz., \$1.00 (by P. P., \$1.15).

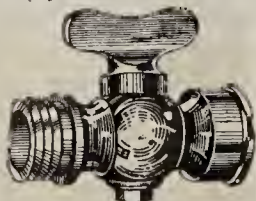
No. 68. SIAMESE HOSE CONNECTION



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 65c. each (by P. P., 75c.).

SHUT-OFF CONNECTION

Cast brass, polished; 3/4 inch male thread on one end; 3/4 inch female thread on other end. \$1.00 each.



AQUAMATIC NOZZLE

A high-grade water control, opening and closing automatically; made of heavy cast brass. Price, \$2.00 (by P. P., \$2.10).



BINKS NOZZLE

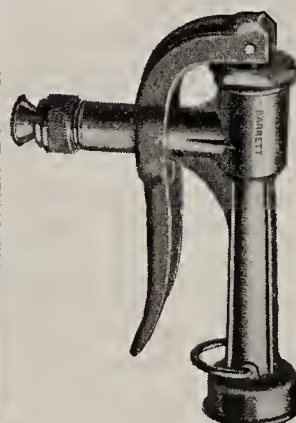
Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. \$2.75 each (by P. P., \$2.85).

GEM PATTERN NOZZLE

3/4 inch hose. Can be regulated to give three different streams. Price, 40c. (by P. P., 50c.).

RAIN KING NOZZLE

Wear-proof, leak-proof and guaranteed; adjustable. 85c. each (by P. P., 95c.).



BARRETT HOSE-MASTER NOZZLE

Automatic shut-off, adjustable spray and pressure control at the nozzle. Price, \$1.50 each (by P. P., \$1.60).

MISCELLANEOUS NOZZLES

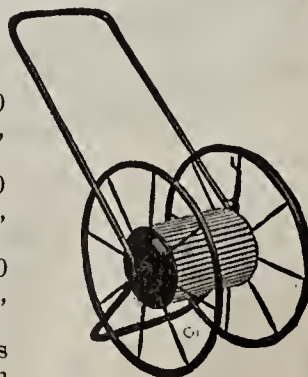
	Price	By P.P.
Boston, Light Copper.....	\$1.35	\$1.45
Boston, Heavy Brass.....	1.25	1.35

Champion. A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 45c. each (by P. P., 55c.).

WIRT'S REEL

(All Iron)

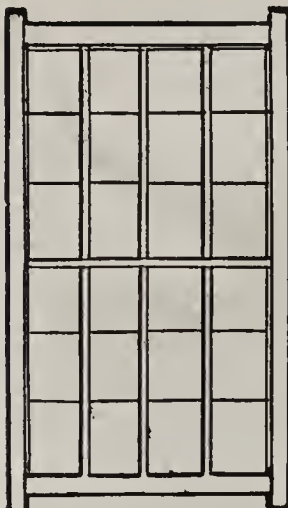
No. 10. Holds 100 ft. of 3/4 in. hose,	\$4.00.
No. 20. Holds 150 ft. of 3/4 in. hose,	\$4.50.
No. 30. Holds 400 ft. of 3/4 in. hose,	\$8.00.
No. 31C. Holds 500 ft. of 3/4 inch hose,	\$14.00.



Wirt's Reel

VICTOR REEL

Constructed with channel steel frame, cast iron wheels, solid steel reel arms, heavy corrugated steel drum. Holds 100 feet of 3/4 inch hose, \$1.50 each.

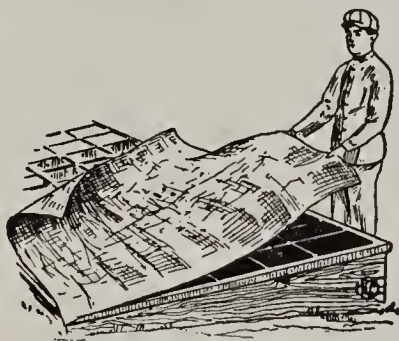


HOTBED SASH

Philadelphia Style. Made of best quality cypress. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick.

Plain, not glazed or painted, each, \$3.50.

Glazed, primed and puttied, each, \$7.00.



HOTBED MATS

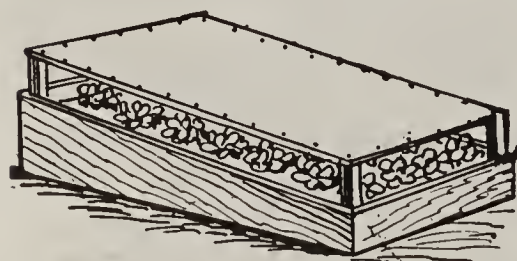
Hotbed mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style is the best mat that it is possible to procure. They are padded with shoddy and are practically indestructible.

Burlap, Non-Waterproof. 76 x 76 inches, covering two regular size sash. Each, \$3.00; \$35.00 per doz.

Burlap, Non-Waterproof. 40 x 76 inches, for one sash. Each, \$2.00; \$22.00 per doz.

Burlap one side, Waterproof Drill one side. 76 x 76 inches. \$4.00 each; doz., \$46.50.

Burlap one side, Waterproof Drill one side. 40 x 76 inches. \$2.50 each; doz., \$28.50. Special sizes of the above mats made to order. Prices upon application.



Shading or Protecting Cloth

SHADING OR PROTECTING CLOTH

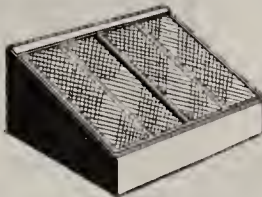
Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards	Price	Price
	Per piece	Per yard	Per piece
Light.....	60	\$0.17	\$9.60
Medium.....	50	.21	10.00
Heavy.....	40	.35	13.20

FLEX-O-GLASS

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind; 36 inches wide.

Cut pieces.....25c. per yd.
Full roll lots (100 yds.).....23c. per yd.



CEL-O-GLASS

The real glass substitute for poultry houses, chicken coops, barns, etc., also takes the place of glass in hotbed sash. 36 inches wide in any length up to 100 feet.

Per running foot, 50c.

Full roll lots, per running foot, 45c.



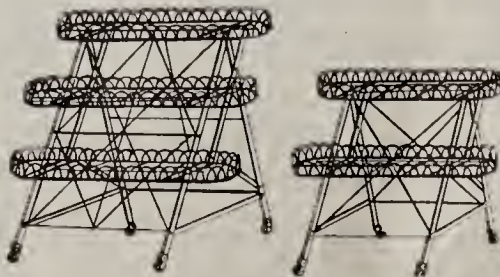
IRON PLANT STANDS

Enameled Green

In.	Size of Plates	Each
12	5 x 7	\$1.65
18	5 x 7	2.00
24	8 x 10½	2.50
30	8 x 10½	3.00
36	8 x 10½	3.25
42	8 x 10½	3.30
48	8 x 12	3.50
60	8 x 12	3.60
72	8 x 12	4.25

EXTRA PLATES FOR IRON STANDS

	Each
5 inch.....	\$0.75
7 inch.....	.85
8 inch.....	1.00
10 inch.....	1.10
12 inch.....	1.25



Jones Plant Stands

WIRE PLANT STANDS

Painted dark green and finished in bronze; very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Price
Jones, 1 shelf..	27-in.	25-in.	14-in.	\$2.50
Jones, 2 shelf..	28-in.	30-in.	21-in.	5.00
Jones, 3 shelf..	36-in.	30-in.	22-in.	6.00



CUT FLOWER BOXES. CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences.

	Each	Doz.
48 x 14 x 8 inch.....	\$0.50	\$3.75
42 x 14 x 8 inch.....	.45	3.50
36 x 14 x 6 inch.....	.40	3.00
30 x 12 x 6 inch.....	.30	2.75
24 x 8 x 5 inch.....	.25	2.50

LIGHT WEIGHT PAPER

Mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist tan and oxford gray, can be supplied on short notice.

L.	W.	D.	Doz.	100
18 x	5 x	3 inch.....	\$0.70	\$4.40
24 x	5 x	3½ inch.....	1.10	7.00
24 x	8 x	4 inch.....	1.30	8.80
28 x	8 x	5 inch.....	2.00	12.20
30 x	10 x	6 inch.....	2.25	16.50
30 x	12 x	7 inch.....	3.00	21.00
36 x	8 x	5 inch.....	2.25	16.50

PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb.	½ Rm.	Rm.
Manila. For wrapping.....	\$0.15	\$2.00	\$3.50
Manila Tissue.....	.20	.90	1.50
White Wax, 24 x 36 in. ....	.35	1.50	2.75
Green Wax, 24 x 36 in. ....	.35	1.75	3.00

CREPE PAPER (Waterproof)

Colors, moss green, Nile green, red, blue, pink, yellow, purple, lavender and white; 50c. per roll (by parcel post, 55c.).

ROOFING PAPER, ETC.

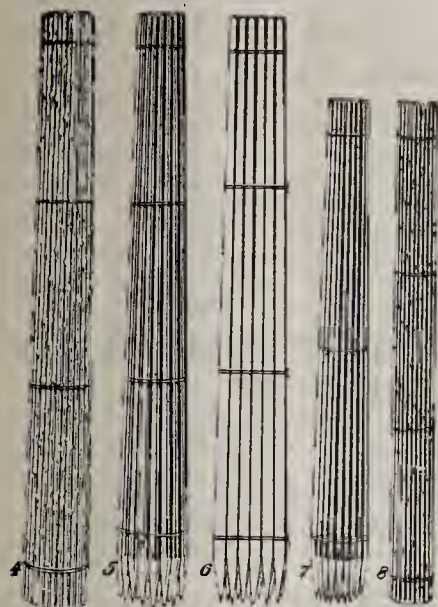
	Sq. ft.	Per roll
Celery Paper.....	500	\$1.75
Marley Rubber Roofing, 2-ply.....	108	3.00
Marley Rubber Roofing, 3-ply.....	108	3.50
Caps for paper. 1 lb., 15c. (by parcel post, 25c.); 5 lbs., 70c. (by parcel post, 85c.).		
Nails for paper. 1 lb., 15c. (by parcel post, 25c.); 5 lbs., 70c. (by parcel post, 85c.).		



EARTHEN GRASS HEADS

You can have a cheerful spot of fresh green in any place you desire by using these new style grass heads; faces in natural colors; white, waterproof saucers, which represent the collars; very interesting to watch developing. Full directions and package of seed with each. Price, 75c. each (by parcel post, 90c.).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table on second cover page.



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green.

PLANT STAKES

No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 foot.....	\$0.25	\$1.25	\$8.75
2½ ".....	.30	1.60	10.50
3 ".....	.40	2.00	12.10
3½ ".....	.45	2.25	14.25
4 ".....	.50	2.50	16.50
4½ ".....	.55	2.75	18.75
5 ".....	.65	3.00	21.00
6 ".....	.85	3.50	23.00

No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000
2 foot.....	\$0.30	\$1.60	\$12.50
2½ ".....	.40	2.00	15.50
3 ".....	.50	2.25	18.25
3½ ".....	.55	3.00	21.75
4 ".....	.60	3.25	24.25
4½ ".....	.65	3.50	26.50
5 ".....	.70	3.75	28.60
6 ".....	.90	4.75	35.25

GREEN PAINTED TAPERING PLANT STAKES

	Each	Doz.	100
1½ foot.....	\$0.04	\$0.35	\$2.00
2 ".....	.06	.55	3.50
2½ ".....	.07	.75	5.00
3 ".....	.10	1.00	6.50
3½ ".....	.11	1.15	8.25
4 ".....	.13	1.40	10.00
5 ".....	.16	1.75	12.00

GREEN PAINTED ROSE OR DAHLIA STAKES

	Each	Doz.	100
3 foot.....	\$0.15	\$1.40	\$10.50
4 ".....	.20	1.90	14.00
5 ".....	.25	2.40	18.00
6 ".....	.30	3.00	22.00

HYACINTH STAKES

(Wood) Dyed Green

Used for staking hyacinths, tulips and slender plants.

	Doz.	100	1000
5 inch.....	\$0.05	\$0.20	\$1.00
12 ".....	.07	.30	1.75
18 ".....	.10	.40	2.50

SQUARE PAINTED PLANT STAKES

	Each	Doz.	100
1½ foot.....	\$0.04	\$0.30	\$1.75
2 ".....	.05	.50	2.50
2½ ".....	.07	.65	3.50
3 ".....	.10	1.05	6.75
4 ".....	.15	1.35	9.00
5 ".....	.20	2.00	13.00
6 ".....	.25	2.50	15.00

JAPANESE CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	1000
1½ Green.....	\$0.15	\$0.65	\$3.50
2 ".....	.20	.90	5.50
2½ ".....	.25	1.15	6.00
3 ".....	.30	1.25	7.00
3½ ".....	.35	1.40	8.00
4 ".....	.40	1.75	9.00
5 ".....	.45	2.00	11.00
6 Natural.....	.40	2.00	12.00

CHINESE

TONKIN BAMBOO STAKES

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

	Doz.	100
4 feet high, ⅜ inch diameter..	\$0.55	\$3.00
6 feet high, ⅝ to ¾ inch diam..	1.00	6.00

LIGHTNING WIRE STAKE TIE

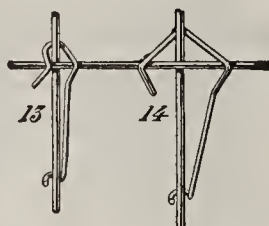


For fastening plants to stakes, either wire or wood; can be used many times.

Price, 35c. per 100; per 1000, \$2.50 (by P. P., \$2.60).

STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.



Eureka Everlasting

	500	1000
Everlasting Style, heavy.....	\$1.75	\$3.00
Eureka Style, light.....	1.25	2.25

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.

BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
16 feet long.....	\$0.25	\$2.50	\$15.00
18 feet long.....	.35	3.25	22.00
20 feet long.....	.45	4.00	27.50

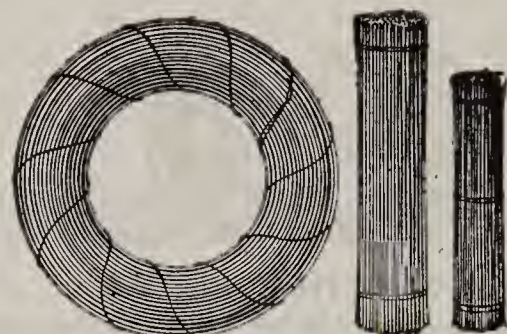
Poles (Wood)

	Each
12 feet long, 1¼ inch diam.....	\$2.75
14 feet long, 1¼ inch diam.....	3.00

ACME FLOWER SHEAR



For cutting flowers and picking fruits; equipped with automatic grip. Price, 75c. each.



WIRE

If wanted by Parcel Post, add 10c. per lb.; 25c. per 12 lbs. for postage.

	Lb.	Stone
No. 16. Galvanized.....	\$0.20	\$1.90
No. 18. Galvanized.....	.25	2.10
No. 19. Galvanized.....	.25	2.00
No. 20. Galvanized.....	.25	2.25
No. 22. Galvanized.....	.30	2.25
No. 16. Annealed.....	.18	1.50
No. 18. Annealed.....	.20	1.60
No. 20. Annealed.....	.25	1.75
No. 22. Annealed.....	.25	1.80
No. 24. Annealed.....	.30	2.00
No. 24. Bright annealed; spools of about 2 oz., 25c.; \$2.75 per doz.		

TINNED WIRE

Used for bunching celery, etc.

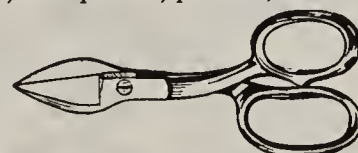
No. 19, in 10-lb. boxes, cut 8½ inches, 30c. per lb.; per box, \$2.25.

CUT BOUQUET WIRE

For Stemming Flowers

Cut, 9, 12 or 18 inches in length.

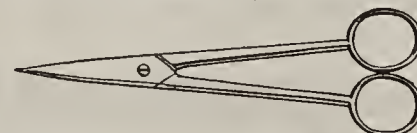
No. 20, 25c. per lb.; per box, 12 lbs...	\$2.25
No. 22, 30c. per lb.; per box, 12 lbs...	2.50
No. 24, 35c. per lb.; per box, 12 lbs...	3.00



WIRE AND TIN SHEARS

If wanted by Parcel Post, add 10c. each.

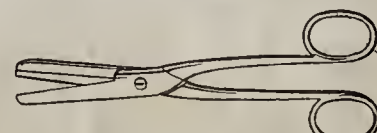
No. 369. 7½ inch, serrated edge....	\$1.50
No. 833. 7½ inch, used for flower wire	1.10
No. 832. 8 inch, used for flower wire	1.15
No. 12. 8 inch, for heavy wire and tin	1.25
No. 10. 10 inch, for heavy wire and tin	2.00



GRAPE SCISSORS

For thinning out bunches of grapes, and not disturbing the berries that are to remain for development.

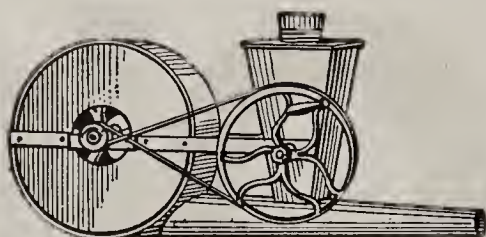
No. 846. 6 inch, \$1.25 (by P. P., \$1.35).



FLOWER SCISSORS

No. 575. Cuts flowers and holds the stem. Price, \$1.75 (by P. P., \$1.85).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table on second cover page.



SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to it. A man can dust a very large house in a few minutes by using one of these blowers.

Price, \$8.00 (by P. P., \$8.35).



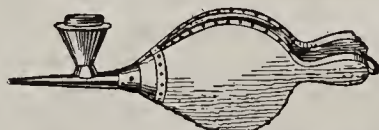
VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort.

75c. each (by P. P., 85c.).

WOODASON HAND BELLOWS

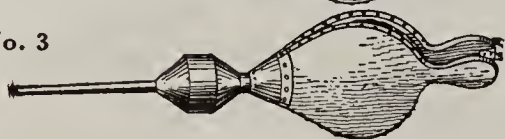
No. 1



No. 2



No. 3



	Price	By P.P.
No. 3. Large double cone.	\$6.50	\$6.75
Large single cone.	4.50	4.70
No. 1. Small single cone.	3.00	3.20
No. 2. Sulphur bellows.	4.00	4.20



NEW ERA SPRAYER

No. 23C. An all brass continuous atomizer especially adapted for large institutions, dairy farms and poultry houses, for spraying all disinfectants, insecticides, etc.; waxed wood handle; capacity, 3 quarts. Price, \$2.50 (by P. P., \$2.65).



No. 3
Paragon Sprayer

THE PARAGON SPRAYER

Excellent for applying whitewash.

No. 0. Capacity, 3 1/2 gallons, equipped with 4 feet special spray hose, 3 feet spray pipe and 3 nozzles. Price, \$10.95.

No. 1. Capacity, 6 gallons; equipped with 5 feet special spray hose, 5 feet spray pipe and 3 nozzles. Price, \$15.35.

No. 3. Capacity, 12 gallons; equipped with truck, 10 feet special spray hose, 7 1/2 feet spray pipe and 3 nozzles. Price, \$19.75. Without truck, \$17.50.

We can also supply this sprayer with single wheel at same price.

No. 4. Capacity, 28 gallons; equipped with truck, 20 feet special spray hose, 10 feet spray pipe and 3 nozzles. Price, \$35.00.

No. 5. Capacity, 50 gallons; equipped with 25 feet special spray hose, 10 feet extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$40.00.

Bucket Washers for Paragon Sprayers, 25c.

AUTO SPRAY

A compressed air sprayer with screw-locking cap and strongly reinforced corrugated tank.

No. 9-C — Solid Copper Tank. Capacity, 4 gallons; equipped with hose and Auto-Pop Attachment, \$10.00 (by P. P., \$10.25.).

No. 9-A — Galvanized Tank. Capacity, 4 gallons; equipped with hose and Auto-Pop, \$6.50 (by P. P., \$6.75.).

No. 50 — Galvanized. Capacity, 2 1/2 gallons; equipped with hose and Auto-Pop, \$5.50 (by P. P., \$5.70).

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.25 each (by parcel post, \$1.35); complete with hose, \$1.50 (by parcel post, \$1.60).



Auto Spray

GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price. 2-in. diameter cylinder, bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$12.00.

Outfit C.—With agitator, one 25-ft. lead of 1/2-in. spray hose and one Mistry Jr. nozzle (no barrel), \$17.00.

Outfit D.—With agitator, two 25-ft. leads of 1/2-in. spray hose and two Mistry Jr. nozzles (no barrel), \$22.00.

GOULD'S POMONA BARREL PUMP. Fig. 1744

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2 1/2 in. diam. cylinder only (no barrel), \$22.00.

Outfit C.—With one 25-ft. section 1/2-in. spray hose and one Mistry Jr. nozzle (no barrel), \$27.50.

Outfit D.—With two 25-ft. sections 1/2-in. spray hose and two Mistry Jr. nozzles (no barrel), \$32.00.

Barrels for holding spray solution, 50 gal. capacity, \$7.00 each.

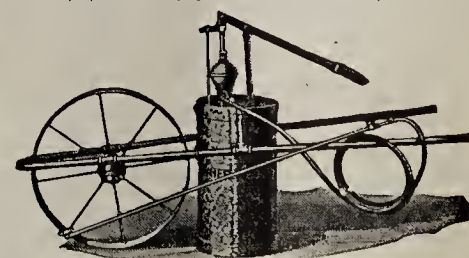
Truck with 3 1/2-inch tire wheels, \$18.00.



VERMOREL KNAPSACK SPRAYER

A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around.

Price, \$18.00 (by P. P., \$18.30).



DEMING WHEELBARROW SPRAYER

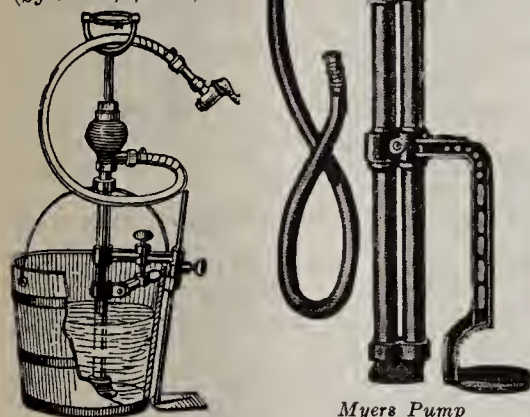
Extreme width 18 inches; 24-inch wheel with 3-inch tread. Pump has 1 1/2-inch diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 feet of hose, 4-ft. extension pole, nozzle and shut-off valve. Price, \$32.00.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table on second cover page.

MYERS BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium priced sprayer. Price, \$3.50, including hose and nozzle (by P. P., \$3.70).

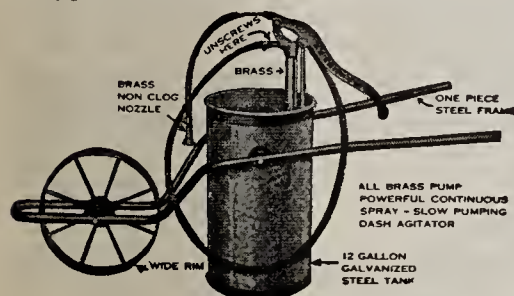
No. 327 1/2



Myers Pump

PERFECT SUCCESS BUCKET PUMP

No. 689. With bucket fastener; made entirely of brass, except the foot rest and hand grip. The price does not include bucket, but includes nozzle and 3 1/2 feet of 3/8 in. hose. \$7.00 (by P. P., \$7.25).



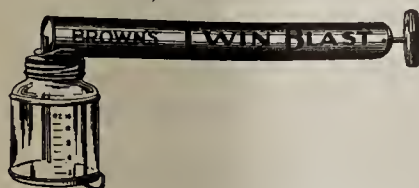
No. 50 WHEELBARROW SPRAYER

Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants. All working parts brass. 8 feet of hose. Price, \$15.00.

With brass tank, \$22.50.

EXTENSION PIPES, ETC.

For reaching into trees; 3/8-inch threads.
Bamboo, brass lined, 8 feet.....\$4.00
Bamboo, brass lined, 12 feet..... 5.00
Brass, 2 ft. (by P. P., 70c.)..... .60
Pet Cock, for extension pipes..... 1.25
Paragon Extensions, 2 1/2 ft., 60c. each (by P. P., 70c.).



TWIN BLAST SPRAYER

Equipped with twin spray jets which diffuse a large volume of fine misty spray; glass tank enables the operator to know exactly how much liquid is in the container. Capacity, one quart. Price, 75c. (by P. P., 85c.).



MICHELL'S HAND COMPRESSED AIR SPRAYER

This is one of the best hand sprayers ever offered; very easily operated; especially desirable for ladies' use.

Tin. 90c. each (by P. P., \$1.00).

Brass. \$1.75 each (by P. P., \$1.90).



CYCLONE HAND SPRAYER

Similar to the above, except it does not have the automatic air reservoir attachment.

No. 112, Tin, large, 50c. (by P. P., 60c.).



HEAVY BRASS SYRINGES

No.	Diam.	Length	Price	By P.P.
99.	1 1/2 in.	18 in. 1 spray...	\$3.50	\$3.70
101.	1 1/4 in.	14 in. 2 sprays..	4.00	4.20
101A.	1 1/2 in.	16 in. 2 sprays..	5.00	5.20
110.	1 3/4 in.	20 in. 2 sprays..	10.00	
120.	1 3/4 in.	20 in. Adjust-able.....	10.50	



1688



1691



1074 1/2



1692

SPRAY NOZZLES (3/8-in. Thread)

If nozzles are wanted by P. P., add 10c. each for postage.

Mistry, Jr., Fig. 1688, Straight style..\$1.25
Mistry, Jr., Fig. 1691, Elbow style.. 1.25

Fig. 1074 1/2, Y connection for making a double spray head nozzle..... .40
Bordeaux Nozzle, Fig. 1692, each... 1.25

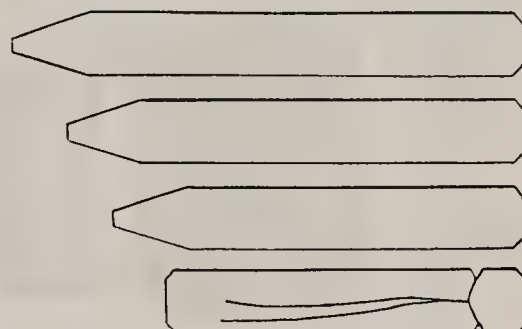
If nozzles are wanted for 3/4-in. hose connections, add 70c. to above prices for Fig. 966 combination.



STOTT'S SPRAY NOZZLES

Splendid for spraying underneath foliage.

No.	Single	Double	By P.P.
No. A.	\$1.65	\$1.75	
No. B.	2.75	2.85	



TREE LABELS

If wanted by parcel post, add 10c. per 100, 25c. per 1000 for postage.

100	1000
Iron Wired. Plain.....	\$0.35 \$2.25
Iron Wired. Painted.....	.40 2.65
Copper Wired. Plain.....	.40 2.60
Copper Wired. Painted.....	.50 3.15
Copper Sheet, wired, 30c. doz.	1.70
Zinc Sheet, wired, 30c. doz...	1.70
Indelible Marking Pencils. Each...	.15

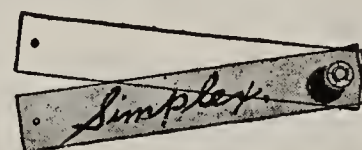
PAINTED POT LABELS

	By P.P.	100	1000
4 inch.....	\$0.35	\$0.40	\$2.15
4 1/2 inch.....	.40	.45	2.65
5 inch.....	.45	.50	2.90
6 inch.....	.55	.65	3.40
8 inch.....	1.50	1.70	8.50
10 inch.....	1.60	1.80	10.25
12 inch.....	2.00	2.25	13.00
18 inch, for field use.	4.75	5.00	43.50

The 18-inch field labels are not painted.



Garden Label



Plant Label

SIMPLEX WEATHER-PROOF PLANT LABEL

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by severe weather conditions and will last for years. Adapted for all outdoor garden records.

Prices include copper wires for attaching.

Sizes	Doz.	100
No. 1—3 x 1/2 in.....	\$0.50	\$3.00
No. 2—4 x 3/4 in.....	.85	5.00
No. 3—5 x 1 in.....	1.10	7.00

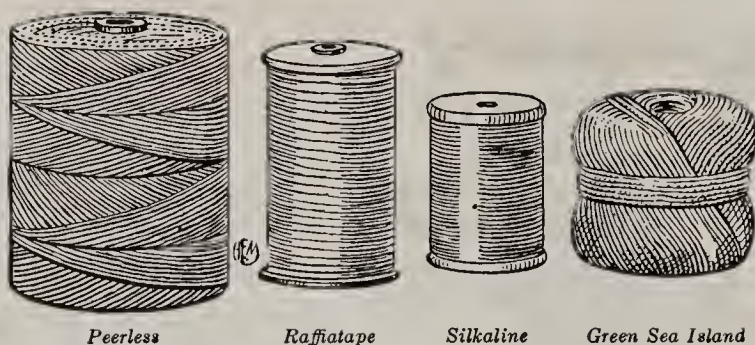
If wanted by parcel post, add 5c. per doz.; 10c. per 100 for postage.

SIMPLEX WEATHER-PROOF GARDEN LABEL

Card holder is made of special Armco rustproof galvanized iron. The stake is 24 inches long finished in dark green, enameled.

No.	Each	Doz.
No. 10—2 3/4 x 1 1/2 inches.....	\$0.30	\$3.00

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table on second cover page.



TWINES, ETC.

If wanted by parcel post, add 10c. per lb. for postage.

	Ball	Lb.
No. 108. White Cayuga, Medium.....	\$0.30	\$0.60
No. 208. White Cayuga, Heavy.....	.30	.60
Jute, 2-ply and 3-ply.....	.15	.25
Linen Bouquet.....	.15	.85
Green Sea Island.....	.10	.50
No. 4½. Jap. Twine. Medium heavy.....	.25	
White Cotton, 3-ply.....	.10	.50
Peerless. Color, Nile green..		.70
Tarred. For mat making.....	.30	
Tarred Sisal. For fodder....		.16
Binder. 5-lb. balls, 75c.....		.20
Express. Very heavy.....	.25	
Green Silkline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse. 35c. per spool; per lb. (8 spools), \$2.60.		
Everbest Thread. Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.50.		

RAFFIA

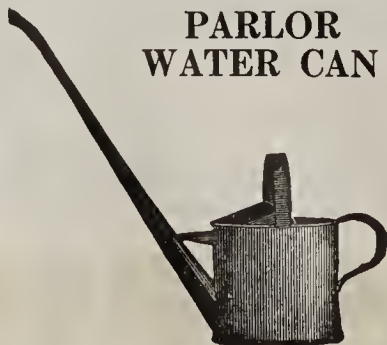
For tying, basket making and fancy work; very long and fibrous.

Natural Color, 40c. per lb. (by P. P., 50c.); 5 lbs., \$1.90 (by P. P., \$2.05).
Green, 75c. per lb. (by P. P., 85c.); 5 lbs., \$3.50 (by P. P., \$3.65).

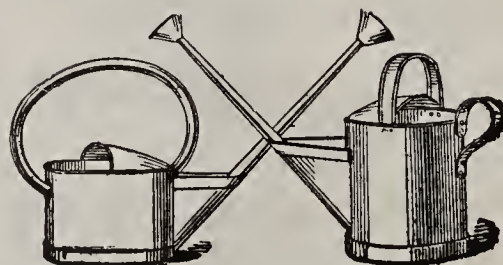
RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about ½ inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes, or for any other purpose where attractive tying material is desired. Color, Nile green. Per bolt of 250 yards, 75c. (by P. P., 85c.); 6 bolts, \$4.25 (by P. P., \$4.45).

PARLOR WATER CAN



For enclosed porch and window boxes; oval shape; enameled; assorted colors, long spout.
 2 qt. size.....\$1.25



WATER CANS (Wotherspoon's)

Galvanized; extra heavy with long spout and two roses—one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart.....	\$4.00	
6 quart.....	4.25	\$4.50
8 quart.....	4.50	5.00
10 quart.....	5.00	5.25
12 quart.....	5.25	5.50
16 quart.....	5.75	6.50
4 quart Fern or Low Watering Can.....	3.50	

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 60c. each (by P. P., 70c.).

IRON CLAD WATER CANS

Made of light galvanized iron.

4 quart.....	\$0.75	10 quart.....	\$1.00
6 quart.....	.80	12 quart.....	1.10
8 quart.....	.90	16 quart.....	1.50

If Iron Clad Water Cans are wanted by Parcel Post, add 20c. each for postage.

APRONS

For protecting the clothing while watering, etc.

	Each
Rubber.....	\$1.75
Blue Denim.....	1.50

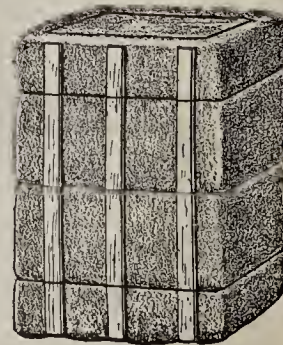
SUNDRIES

Bulb Fibre. Qt., 15c.; 45c. per ½ pk.; pk., 75c.; \$1.25 per ½ bu.; bu., \$2.00.
Bull Dog Clips. For fastening packages, etc., \$1.00 per box (by P. P., \$1.10).
Carnation Bands (Rubber). For mending burst calyx. 25c. per oz.; ¼ lb., 90c.
Carnation Clips (Bours). For mending carnations. \$1.50 per 1000. Pliers for attaching same, \$3.25.
Carnation Staples (Wire). 50c. per 1000.
Celery Paper. For winter protection. 500 sq. ft. per roll. Price, \$1.75 per roll.
Celery Tape. Fast red, in 1000-yard spools, \$3.00 (by P. P., \$3.15).
Celery Tape. Green, in 1000-yard spools, \$2.25 (by P. P., \$2.40).

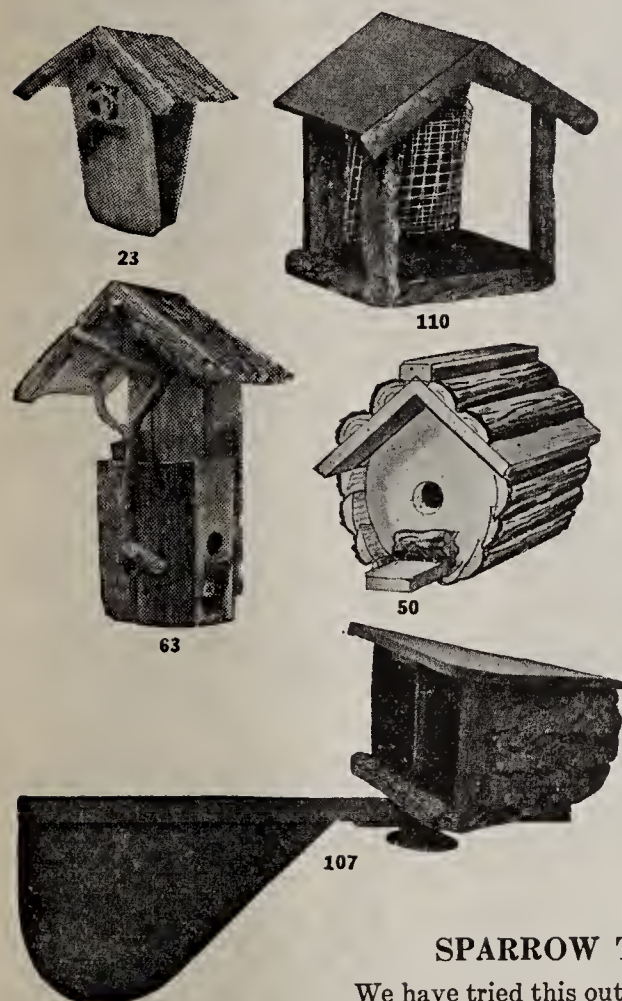
SUNDRIES

(Continued)

Charcoal (Lump). For use in potting. Pk., 65c.; \$1.50 per bu.; bbl. sack, \$2.00.
Charcoal (Ground). Coarse, fine and powdered. Per lb., 10c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 100 lbs., \$3.50.
Moss (Green Lump). Pk., 50c.; \$1.50 per bu.; bbl. bag, \$2.50.
Moss (Green Sheet). Per qt., 25c.; \$2.00 per 10 lb. bale.
Moss (Sphagnum, dry). Bbl. bags, \$1.25; \$2.50 per large bale.
Moss (Sphagnum, live). Pk., 40c.; \$1.25 per bu.; bbl., \$3.00.
Mouse Seed. For destroying mice. Per pkg., 25c.
Pearl Chips. For bulb bowls, aquariums, etc. White or colored. Per 1 lb. pkg., 20c. (by P. P., 30c.); \$1.10 per 6 pkgs.; 12 pkgs., \$2.00.
In bulk, white, 5 lbs., 75c.; \$1.25 per 10 lbs. Colored, 5 lbs., 85c.; \$1.50 per 10 lbs.
Peat or Leaf Mould. Pk., 45c.; \$1.25 per bu.; bbl., \$3.00.
Peat (Orchid). Pk., 50c.; \$1.60 per bu.; bbl. bag, \$3.25.
Pebbles. Qt., 10c.; 75c. per pk.; bu., \$2.50; \$5.00 per bbl. sack.
Pruning Compound or Tree Paint (Fraims). Per qt., 50c.; \$1.50 per gal.
Rat Paste (Zelio). For destroying rats, mice and other rodents. Per 2 oz. tube, 50c.
Sand. For propagating. Per qt., 10c.; 40c. per pk.; bu., \$1.40; \$3.00 per bbl. sack.
Shaderine. For shading greenhouse glass. 5 lbs., \$1.25; \$2.40 per 10 lb. can.
Soil. For potting. Qt., 10c.; 25c. per ½ pk.; pk., 40c.; \$1.50 per bu.; bbl. bag, \$3.25.
Tin Foil (Plain). In 5- and 6-inch widths, 1-lb. pkgs., 20c. (by P. P., 30c.); 5 lbs. for 90c. (by P. P., \$1.05); 5-inch width in 5-lb. rolls, \$1.00 (by P. P., \$1.15). Green or violet in 1-lb. pkgs., 35c. (by P. P., 45c.).
Toothpicks. Wired, 50c. per 1000; 10,000 \$3.50.
Toothpicks. 4-inch, wired, green; per 1000, \$1.00; \$4.00 per 4500.
Toothpicks. 6-inch, wired, green; per 1000, \$1.20; \$3.30 per 3000.
Weed Killer (Michell's). Qt., 50c.; \$1.50 per gal.; 5 gals., \$6.25; \$30.00 per 30 gals.; 50 gals., \$42.50.
Peat Moss, Torf Mull (Imported). Granulated. A clean, odorless substitute for manure; a great soil improver; makes light soil retentive of moisture; makes heavy soil light. Excellent for mulching rose beds, shrubbery and evergreens; also excellent for lawns.
 ¼ size bale.....\$1.50
 Large bale.....3.50



Peat Moss



No.	Price Each	P. Post Each
8. Martin House. 14 room (not mailable).....	\$18.00	
11. Wren House.....	1.75	\$2.00
12. Wren House.....	1.75	2.00
13. Wren House.....	1.75	2.00
14. Wren or Bluebird House....	2.00	2.25
17. Wren House.....	1.75	2.00
21. Bluebird House.....	1.75	2.00
23. Wren House.....	1.75	2.00
24. Wren House.....	1.75	2.00
25. For Woodpeckers, Chickadees, Nut Hatches, etc.....	1.75	2.00
28. Wren House Beautiful.....	2.00	2.25
50. Wren House. Swinging.....	1.75	2.00
60. Robin House.....	1.75	2.00
61. Wren House. Swinging.....	1.75	2.00
62. Bluebird House.....	1.75	2.00
63. Wren and Robin House.....	2.00	2.20
65. Maryland Wren Box.....	.50	.70
77. Martin House. 4 rooms.....	5.00	5.60
104. Rustic Seed Feeder.....	2.50	2.75
105. Rustic Suet Feeder.....	1.50	1.70
107. Weathervane Feeder.....	5.50	5.80
110. Combination Shelter.....	2.25	2.50

STRAW BIRD HOUSES



Straw Bird Houses are made from the finest materials possible. Rye straw, waxed cotton twine, rust resisting frame. Tinned copper wire and the finest varnish obtainable.

No.	Price, each P.P., each
No. 130.....	\$2.00 \$2.10
No. 160.....	1.75 1.85
No. 150.....	2.25 2.35

SPARROW TRAP (Wire)

We have tried this out and found it to be the best trap made. Scatter a little cracked corn and set the trap right over it. You'll be surprised at the catch. \$6.00 each (by P. P., \$6.40).

45. SQUIRREL HOUSE

This house is arranged so that no birds will try to use it; the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting place. Put high up in crotch of a tree. Price, \$5.50 (by P. P., \$5.90).

MICHELL'S BIRD SEEDS, PET SUPPLIES, ETC.

It is very important that you make the proper selection of foods for your birds; pure, fresh, clean food is necessary at all times. Our bird seeds are of the highest quality, fresh and re-cleaned. Your feathered pets will thrive if you get your supplies in this line from us.

If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.

Bird Manna. Keeps canary birds in prime condition and prevents the loss of song. Pkg., 15c.

Canary Seed (Plain Sicily). Re-cleaned and of splendid quality. Per lb., 20c.; 85c. per 5 lbs.; 10 lbs., \$1.50.

Canary Seed (Mixed). A mixture of the finest quality and in proper proportions. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., \$1.50.

Catnip Balls. A plaything and tonic for pussy. 20c. each.

Cuttle Fish Bone. Good for digestion and general health. Each, 5c.; 20c. per 1/4 lb.; per lb., 60c.

Cuttle Fish Bone. With holder for fastening to cage. 10c. each.

Fish Food. Granular and wafer form. Per pkg., 15c.

Hemp Seed. Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c.; 5 lbs., 70c.; 10 lbs., \$1.25.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz., 10c.; 1/4 lb., 20c.; 50c. per lb.

Maw Seed. Calculated to improve the song of canaries, etc. Lb., 30c.; 5 lbs., \$1.25.

Millet Seed (Imported). Re-cleaned seed; nutritious and appetizing. Lb., 15c.; 5 lbs., 60c.; 10 lbs., \$1.00.

Parrot Food (Spratt's). Small pkg., 20c.; large pkg., 30c.

Rape Seed. Will keep the birds in excellent condition; feed with canary seed. Lb., 15c.; 5 lbs., 70c.; 10 lbs., \$1.25.

Sand. For bird cages. Red, fine. Pkg., 10c.; \$1.00 per doz. pkgs.

Sand. Silver, fine. Pkg., 10c.; \$1.00 per doz. pkgs.

Sand or Gravel. Silver, coarse, for parrots' cages. 10c. per pkg.; doz. pkgs., \$1.00.

Song Restorer. For canaries, 15c. per bottle; doz., \$1.50.

Spratt's Sing Song. A tonic and song restorer. Pkg., 15c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c. per lb.; 3 lbs., 40c.; 65c. per 5 lbs.; 10 lbs., \$1.25; \$3.00 per 25 lbs.

Unhulled Rice. Lb., 20c.; 5 lbs., 75c.; 10 lbs., \$1.40.

Wild Bird Seed Mixture. Lb., 20c.; 75c. per 5 lbs.; 10 lbs., \$1.35; \$3.00 per 25 lbs.; 100 lbs., \$10.00.

Prices on Bird Seed in large quantities quoted on application.

MOE'S TOP-FILL CLEANABLE FOUNTAINS

With square pans.

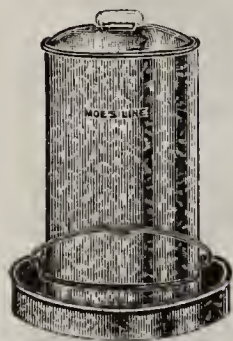
Made of heavy galvanized steel with double walls; keeps the water cool in Summer and retards freezing in Winter.

No.	Capacity	Each
1	1 gallon.....	\$1.40
2	2 gallon.....	2.15



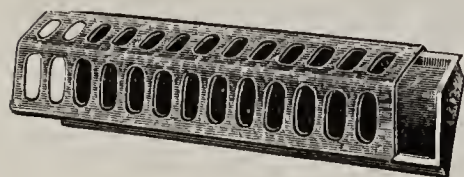
With round pans.

No.	Capacity	Each
33	2 gallons.....	\$2.25



OAKES HANDY HOPPER

Made of galvanized steel; hinged lids over both hopper and trough.
No. H-15. 36 in. long, 5 compartments, \$4.00 each.



MOE'S IM- PROVED DOUBLE

CHICK FEEDER

Made of galvanized steel; sliding top.

No.	Length	No. of holes	Each
58	12	18.....	\$0.30
59	18	26.....	.50
60	24	36.....	.65

PHILA. POULTRY FOUNTAIN

From a sanitary standpoint this is one of the best drinking fountains.

The top of body is detached; it is thus easily cleaned. The cone top prevents roosting. Made of galvanized iron.

Capacity	Each	Capacity	Each
1 qt.....	\$0.30	4 qt.....	\$0.60
2 qt.....	.40	8 qt.....	.85

If wanted by P. P., add 10c. each for postage.

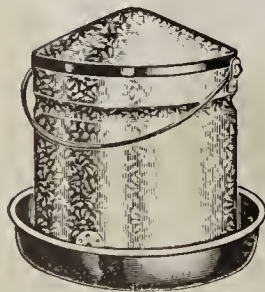


KEEP WARM THERMO FOUNTAIN

For Chicks or Hens

Insulating jacket or outer tank is an inch thick all the way down; the top is insulated; there is also a complete layer of insulation, as well as a dead air space below and all around the water in the pan. Water heated to 110 degrees will not freeze in this fountain in very severe weather. The inner tank is soldered to the base.

No.	Capacity	Price
3	3 gallons.....	\$4.00
5	5 gallons.....	5.00



LITTLE PUTNAM STOVE

This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest Winter weather. The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner. The oil tank holds three pints of oil and burns three to four weeks without re-filling or any other attention; the wick never needs trimming.

Price, \$2.00 (by P. P., \$2.15).



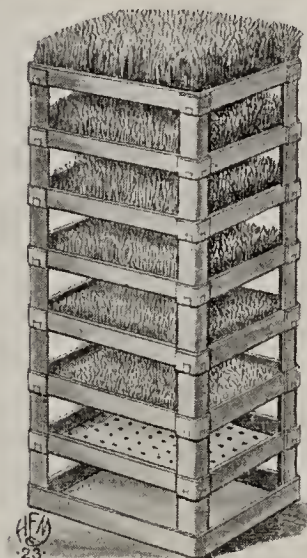
COLLINS OAT SPROUTER

The most practical, quickest growing, perpetual, sectional and fireless Oat Sprouter. The Collins Sprouter is made in units, light individual pans, one for each day of the week and a drip pan at the bottom.

The feeding of sprouted oats is no longer an experiment. Experience has proven time and again its value as a food for stimulating egg production. Oats sprouted in the right manner furnish food most nearly akin to the fresh green growth of springtime, the prolific laying time of the year.

No. 1—8 Pan 11 x 15 inch.....	\$3.75
No. 2—5 Pan 11 x 15 inch.....	2.50
No. 3—8 Pan 11 x 32 inch.....	7.00

If wanted by parcel post, add 30c. each for postage.



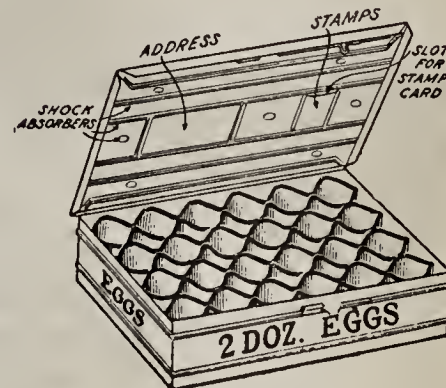
METAL EGG SHIPPING BOX

This is the ideal indestructible box for forwarding household eggs by parcel post or express; can be used indefinitely.

	Each
1½-dozen capacity....	\$1.25
2-dozen capacity.....	1.50
3-dozen capacity.....	1.75
4-dozen capacity.....	2.00
6-dozen capacity.....	2.50
9-dozen capacity.....	3.25
12-dozen capacity.....	4.00

If wanted by parcel post, add 15c. per box for mailing.

Extra fillers for 18-egg size, 36c. each (by P. P., 45c.).
 " " for 24-egg size, 48c. each (by P. P., 60c.).
 " " for 36-egg size, 72c. each (by P. P., 85c.).
 " " for 48-egg size, 96c. each (by P. P., \$1.10).
 " " for 60-egg size, \$1.20 each (by P. P., \$1.35).
 " " for 108-egg size, \$2.16 each (by P. P., \$2.35).
 " " for 144-egg size, \$2.88 each (by P. P., \$3.10).
 Separating cardboards, 2c. each; address cards, 2c. each.



Metal Egg Box

SALT BRICKS

For dairy cows, horses and other animals. Essential to general good health in stables; fastened on the wall it is accessible at all times and remains clean. Per brick, 25c. (by P. P., 35c.); \$2.75 per dozen.

Salt Brick Holders, 45c. each (by P. P., 55c.); doz., \$4.75.



For complete list of Poultry Supplies, see our General Catalog—copy free.

PLEASE NOTE: Insecticides marked * cannot be sent by parcel post. Where others are wanted in this way, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the first and second zones; for other zones please see parcel post table on second cover page.

Agri Pax. A contact insecticide which controls rose-bugs as well as soft-bodied insects. Qt., \$1.25; \$3.50 per gal.; 5 gals., \$13.00.

Ansul Colloidal Sulphur. A general sulphur fungicide and contact insecticide, for fruits, vegetables, flowers, shrubs and trees. Per ½ lb. tube, 75c.; \$1.50 per 3 lbs.; 25 lbs., \$7.50; \$17.00 per 60 lbs.

Ansul Formaldehyde Dust. A seed and soil treating compound which controls seed borne diseases. Per lb., 50c.; \$1.50 per 5 lbs.; 25 lbs., \$4.25; \$7.00 per 50 lbs.

***Antrol.** A complete control system of combating ants. Antrol sets containing 4 containers and one 4-oz. bottle of syrup, 75c.; Antrol extra containers, 10c. each; Antrol syrup, 4-oz. bottle, 35c.; 85c. per pt.; gal., \$3.50. Antrol ready-filled sets, consisting of 4 containers filled with Antrol syrup, 50c.

***Antrol Ant and Roach Powder.** An improved, fast-killing powder for the extermination of ants. Per can of 2 ozs. with shaker twist top, 20c.; 35c. per 4 oz.; 5 lbs., \$4.50.

Aphine. For destroying aphids, green fly, thrip, red spider, etc. Per ¼ pt., 30c.; 45c. per ½ pt.; pt., 70c.; \$1.10 per qt.; per gal., \$3.25.

***Aphis Punk.** A paper that has been thoroughly saturated with nicotine. For use in greenhouses only. Per pkg. of 12 sheets, \$1.00; \$9.50 per case of 12 pkgs.

***Arsenate of Lead (Coated).** Valuable for protecting foliage against the Japanese beetle. Per lb., 50c.; \$1.00 per 2½ lbs.; 10 lbs., \$3.00; \$6.50 per 25 lbs.; 100 lbs., \$18.00.

***Arsenate of Lead (Powdered).** Per ½ lb., 20c.; 30c. per lb.; 5 lbs., \$1.25; \$2.50 per 10 lbs.; 25 lbs., \$5.00; \$16.00 per 100 lbs.

***Black Leaf 40.** Per 1 oz. bottle, 35c.; \$1.00 per 5 oz. bottle; lb., \$2.25; \$3.25 per 2 lbs.; 5 lbs., \$5.85; \$9.85 per 10 lbs.

***Bordeaux Mixture (Powder).** 12½% copper mixture, for spraying purposes. Per ½ lb., 20c.; 30c. per lb.; 5 lbs., \$1.25; \$2.50 per 10 lbs.; 25 lbs., \$5.50; \$17.00 per 100 lbs.

***Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., \$1.50; \$7.00 per 5 gals.

***Ceresan (Du Bay).** For treating the seed of small grains, such as barley, oats, wheat, or rye against destructive grain diseases. 2 to 3 ounces are required for one bushel of seed. Per lb., 75c.; \$3.00 per 5 lbs.; 25 lbs., \$12.50; \$49.00 per 100 lbs.

***Copper Solution.** Excellent spray for carnation rust and diseases of the grape, pear, apple, etc. Qt., \$1.50; \$3.75 gal.

***Cyanegg.** For generating Hydrocyanic Gas. Do not use on Sweet Peas. Per lb., 60c.; \$2.50 for 5 lbs.

***Cyanogas (Calcium Cyanide).** G. Fumigant. A valuable insecticide for greenhouse fumigation. \$3.00 per 5 lbs.; 25 lbs., \$10.00; \$30.00 per 100 lbs.

***Cyanogas (Calcium Cyanide).** A. Dust. For killing rats, moles, woodchucks and other rodents. Per ½ lb., 45c.; 75c. per lb.; 5 lbs., \$3.00.

Derrisol. For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. Per 1 oz. bottle, 35c.; \$1.25 per ½ lb.; lb., \$2.25; \$3.25 per 2 lbs.; 10 lbs., \$12.00.

Evergreen Insecticide. A non-poisonous insecticide, recommended for killing a wide variety of insects on plants and flowers. Per 1 oz., 35c.; \$1.00 per 6 ozs.; 16 ozs., \$2.00; \$3.50 per qt.; gal., \$11.50; \$45.00 per 5 gals.

Fish Oil Soap. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$3.25; \$6.00 per 50 lbs.; per 100 lbs., \$10.50.

Fish Oil Soap (Good's Caustic). Lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$1.85; \$3.50 per 25 lbs.; 50 lbs., \$6.00; \$10.00 per 100 lbs.

Fish Oil Soap (Rosin). Per 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$4.50; \$7.50 per 50 lbs.; 100 lbs., \$13.00.

***Fungicide (Zenke's).** For various forms of fungous diseases. Per ½ pt., 35c.; 60c. per pt.; qt., \$1.00; \$2.00 per ½ gal.; gal. \$3.50.

***Fungtrogen.** Will conquer mildew and control black spot on roses. 75c. per ½ pt.; pt., \$1.25; \$2.00 per qt.; ½ gal., \$3.50; \$6.00 per gal.

Getz-there Soap. Ideal for washing palms, etc. 2 lbs., 65c.; \$1.75 for 8 lbs.; 25 lbs., \$5.00.

Grape and Rose Dust. A powder preparation used for mildew, aphids, black fly and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., \$1.00; \$4.50 per 25 lbs.

***Hellebore.** For destroying rose-bugs, currant worms, etc. 30c. per ½ lb.; lb., 50c.; \$2.25 per 5 lbs.

Kerosene Emulsion. Dilutes 1 part to 20 parts of water. 45c. per pt.; qt., 75c.; \$1.75 per gal.; 5 gals., \$6.00.

Lemon Oil Insecticide. Effectually destroys mealy bug, scale, thrip and red spider. Per ½ pt., 30c.; 50c. per pt.; qt., 85c.; \$1.50 per ½ gal.; gal., \$2.50; \$10.00 per 5-gal. keg.

***Lime Sulphur.** For scale insects on trees and shrubs. Per qt., 40c.; \$1.00 per gal.; 5 gals., \$3.75; \$9.50 per ½ bbl. (30 gals.); per bbl. (50 gals.), \$13.00.

Lime Sulphur (Dry Powder Form). Lb., 35c.; \$1.40 per 5 lbs.; 10 lbs., \$2.50; \$4.25 per 25 lbs.; 50 lbs., \$8.00; \$14.00 per 100 lbs.

Mag-O-Tite. Protects crops against the ravages of the root maggot and other garden pests. Per lb., 50c.; \$1.50 per 5 lbs.; 25 lbs., \$5.00; \$9.00 per 50 lbs.

***Mo-Lo.** For destroying and driving away moles. Per pkg., 25c.

***Nico Fume (Liquid).** For use as a spray or vapor. Per lb., \$2.50; \$6.00 per 4 lbs.; 8 lbs., \$11.00; \$45.00 per 40 lb. drum.

***Nico Fume Fumigating Powder.** For fumigating greenhouses. Per lb. can, \$1.15; \$3.50 for 5 lbs.; 10 lbs., \$6.25.

***Nico Fume Paper.** A paper treated with nicotine. Per box of 24 sheets, \$1.50; \$4.75 for 144 sheets; 288 sheets, \$8.50.

***Nikoteen (30%).** Per 1 oz. bottle, 30c.; 45c. per 2 oz. bottle; ½ lb. bottle, \$1.25; \$2.00 per lb.; 4 lbs., \$6.00; \$11.50 per 8 lbs.

***Nikoteen (40% solution).** Per 4 lbs., \$6.50; \$12.50 per 8 lbs.

***Para Dichlorobenzene.** For peach tree borers. Per 1 lb. can, 50c.; \$2.25 per 5 lb. can; 10 lb. can, \$4.00; \$10.00 per 25 lb. keg; 100 lb. keg, \$30.00.

Pyrethrum Powder. Per lb., 50c.; \$2.25 per 5 lbs.; 10 lbs., \$4.00.

Red Arrow Insect Spray. A non-poisonous, effective insecticide for use against sucking and chewing insects. Per oz., 35c.; \$1.00 per 3½ oz.; ½ pt., \$1.75; \$3.25 per pt.; qt., \$6.00; \$17.50 per gal.

Red "A" Soap. A liquid neutral coconut oil soap for use as a spreader. Per ½ pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.65 per gal.; 5 gals., \$7.50.

***Scale Oil.** An efficient oil spray for controlling scale insects, aphids, thrip, red spider, etc. Per qt., 70c.; \$1.50 per gal.; 5 gals., \$5.50; \$18.00 per 30 gals.; 55 gals., \$25.00.

Scalecide. Used for the destruction of the San Jose Scale. Per qt., 60c.; \$1.50 per gal.; 5 gals., \$5.25; \$9.50 per 10 gals.; 30 gals., \$24.00; \$32.00 per 50 gals.

***Selocide.** A powerful new killing insecticide that gives control of red spiders in one application; also kills the eggs; dilute 1 part to 49 parts of water. Per qt., \$1.25; \$3.25 per gal.; 5 gals., \$15.00.

***Semesan (Du Bay).** A mercuric disinfectant for the control of many seed, plant and soil diseases. Per 2 ozs., 50c.; \$2.50 per lb.; 5 lbs., \$11.75; \$46.25 per 25 lbs.; 100 lbs., \$180.00.

Slug Shot. Per 1-lb. carton, 25c.; 75c. per 5 lbs.; \$3.50 per 25 lbs.; 125 lb. keg, with duster, \$16.50; full bbl. lots (about 250 lbs.), with duster, \$33.00.

***Snarol.** For the control of cut worms, snails, slugs, etc. Per 1½ lbs., 35c.; 85c. per 4 lbs.; 15 lbs., \$3.00; \$8.00 per 50 lbs.

Soap Spray (Imp.). An all-around insecticide. Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$20.00.

***Sulphate of Copper.** Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$9.00.

Sulphur. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$2.00 per 25 lbs.; 100 lbs., \$7.50.

Sunoco Spray Oil. Per gal., \$1.25; \$5.00 per 5 gals.; 15 gals., \$8.50; \$14.00 per 30 gals.; 50 gals., \$20.00.

***Thrip Juice (Hammond's No. 2).** Effective against aphids, red spider, mealy bugs, etc. Per pt., 80c.; \$1.25 per qt.; gal., \$4.00.

Tobacco Dust (for dusting). Per 1 lb. can with sifter top, 25c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.

Tobacco Dust (for fumigating). Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 75c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$4.25 per 100 lbs.

Tobacco Stems (Fresh). Per lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.; ½ ton, \$15.00; \$27.50 per ton.

Volck (Garden). A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrip, etc. Per 3½ ozs., 35c.; 90c. per pt.; \$5.00 per gal.

Volck (Nursery). A mineral oil spray for general use on growing plants in the nursery, greenhouse and garden. Per ½ pt., 35c.; 55c. per pt.; qt., 80c.; \$2.75 per gal.; 5 gals., \$8.00.

Wilson's O. K. Plant Spray. Per ½ pt., 40c.; \$1.00 per qt.; gal., \$3.25; \$13.00 per 5 gals.; 10 gals., \$22.00; \$57.50 per ½ bbl. (30 gals.); bbl. (50 gals.), \$90.00.

Worm Destroyer (for earth worms). For destroying worms that infest lawns and putting greens. Per 100-lb. bag, \$3.50; \$15.00 per 500 lbs.; ½ ton, \$28.50; \$50.00 per ton.

***X. L. All Insecticide Compound.** An English preparation for spraying, for mealy bug, red spider, etc. Per gal., \$8.00.

All Prices on Fertilizer subject to market changes.

Acid or Rock Phosphate (16%). Apply 1000 lbs. per acre. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$3.00 per 200 lbs.; ½ ton, \$12.00; \$22.00 per ton.

Adco. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25 lb. bag, sufficient to make one-half ton of manure, \$2.00; \$10.50 per 150 lb. bag, sufficient to make 3 tons of manure; 600 lbs., \$42.00; \$145.00 per 2100 lbs.

Ashes, Hard Wood. Apply 1000 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lb. bbl.; ½ ton, \$22.50; \$40.00 per ton.

Blood, Bone and Potash. A very high grade fertilizer for all vegetable and farm crops. 100 lbs., \$4.50; \$8.50 per 200 lbs.; 500 lbs., \$20.00; \$37.50 per ½ ton; ton, \$65.00.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 500 lbs., \$20.00.

Blood Flour. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.

Bone (Coarse Ground). Apply 800 to 1000 lbs. per acre. 100 lbs., \$4.00; \$7.00 per 200 lbs.; ½ ton, \$32.00; \$60.00 per ton.

Bone Flour. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.00 per 200 lbs.; ½ ton, \$32.00; \$60.00 per ton.

Bone Meal (Michell's Special Grade). Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.15 for 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 200 lbs., \$6.50; \$26.50 per ½ ton; ton, \$50.00.

Clay's Fertilizer. For forcing greenhouse plants and vegetables. 28 lbs., \$3.50; \$6.00 per 56 lbs.; 112 lbs., \$11.50.

Cotton Seed Meal. Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.50; \$32.50 per ½ ton; ton, \$60.00.

Cow or Cattle Manure (Shredded). Apply 1000 lbs. per acre. 5 lbs., 45c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.25; \$16.00 per 500 lbs.; ½ ton, \$30.00; \$55.00 per ton.

Cow or Cattle Manure (Pulverized). \$3.25 per 100 lbs.; 500 lbs., \$16.00; \$30.00 per ½ ton; ton, \$55.00.

Floranid. A concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. Per lb., 25c.; 90c. per 5 lbs.; 10 lbs., \$1.50; \$2.75 per 25 lbs.; 100 lb. bag, \$9.00.

Horn Shavings. Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 70c.; \$1.25 for 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs.; 100 lbs., \$7.00.

Hortobacco (Michell's). A combined fertilizer and insecticide. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.; ½ ton, \$26.00; \$50.00 per ton.

Hyper-Humus. 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$9.50 per 500 lbs.; ½ ton, \$15.00; \$25.00 per ton. Carload lots in bulk, \$10.00 per ton, f. o. b. factory.

Kainit (Potash Salts). Apply 800 to 1000 lbs. per acre. Excellent for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$1.50 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per ½ ton; ton, \$22.00.

Lawn Dressing and Fertilizer (Michell's). Apply 1000 lbs. per acre. Highly desirable for Fairways and Putting Greens. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$27.50 per ½ ton; ton, \$50.00.

Lime (Hydrated or Powdered). Apply one ton per acre. 35c. per 10 lb. box; 50 lbs., 75c.; \$1.40 per 100 lbs.; 500 lbs., \$6.75; \$13.00 per ½ ton; ton, \$22.50.

Limestone (Pulverized). Apply one ton per acre. \$1.00 per 100 lbs.; 500 lbs., \$4.75; \$9.25 per ½ ton; ton, \$18.00.

Loma. A scientifically prepared plant food for the lawn, flower garden, vegetable garden, shrubbery, potted plants, etc.; rich in nitrogen, potash and phosphates. Lb., 10c.; 50c. per 5 lbs.; 10 lbs., 85c.; \$1.50 per 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.

Mum Manure (Smith's). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers. 50 lbs., \$2.75; \$5.00 per 100 lbs.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis equal to 50 per cent actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.50 for 200 lbs.; ½ ton, \$33.00; \$65.00 per ton.

Mushroom Soil (Prepared). This is the straight mushroom soil which has been screened and kiln-dried, so as to destroy weed seed and other obnoxious matter. Ideal for top dressing the lawn. 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$13.00 per ½ ton; ton, \$25.00.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 50c.; 75c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; ½ ton, \$31.00; \$60.00 per ton.

Nitrophoska. A well-balanced, quick-acting food for every purpose in the garden or lawn. Analysis: Nitrogen, 15%; Phosphoric Acid, 30%; Potash, 15%. For the garden or flowers, use 5 to 10 lbs. to 1000 square feet; for lawns, apply 6 to 10 lbs. to 1000 square feet. Per lb., 25c.; 90c. per 5 lbs.; 10 lbs., \$1.50; \$2.75 per 25 lbs.; 100 lbs., \$7.00.

Philogan. A natural manure; organic material manufactured by scientific process. An ideal food for Carnations, Roses and other greenhouse crops. 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$12.00 per 500 lbs.; ½ ton, \$23.00; \$40.00 per ton.

Phosphate (Michell's High Grade). Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; ½ ton, \$21.00; \$40.00 per ton.

Plantabbs. An odorless plant food for all plants in the house or garden. Per pkg. of 30 tablets, 25c.; 50c. for 75 tablets; 200 tablets, \$1.00; \$3.50 per 1000 tablets.

Salt. For asparagus beds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$16.00 per ½ ton; ton, \$30.00.

Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use. 3 lbs., 25c.; 40c. per 5 lbs.; 10 lbs., 65c.; \$1.00 per 25 lbs.; 50 lbs., \$1.75; \$3.00 per 100 lbs.; 500 lbs., \$14.00; \$26.50 per ½ ton; ton, \$50.00.

Soot (Imported Scotch). 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$1.50; \$5.00 per 100 lbs.

Stimugerm. A pure culture of nitrogen-fixing bacteria. Special garden size, for Garden Peas, Beans and Sweet Peas, 25c. For Alfalfa and all Clovers, ½ bu. size, 50c.; 1 bu. size, 90c.; 2½ bu. size, \$2.25. For Cow Peas and Soy Beans, 1 bu. size, 40c.; 2 bu. size, 70c.; 5 bu. size, \$1.50. For Vetch, Peas and Beans, ½ bu. size, 35c.; 1 bu. size, 60c.; 2 bu. size, \$1.00; 5 bu. size, \$2.25.

Stim-U-Plant. A plant food in tablet form. Per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets (by P. P., 85c.); 1000 tablets, \$3.50 (by P. P., \$3.65).

Sulphate of Aluminum. Especially adapted for fertilizing Rhododendrons, and other plants requiring an acid soil. Also used for changing the color of white hydrangeas. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.; 200 lbs., \$7.50.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25% of ammonia. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.

Tankage. Usually applied to plants such as roses, etc., under glass. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; ½ ton, \$28.50; \$55.00 per ton.

Terogen. An autumn and winter ground dressing for the rose garden. 1 lb. tin, 75c.; \$1.25 per 2 lbs.; 5 lbs., \$2.75; \$4.75 per 10 lbs.; 25 lbs., \$11.00; \$40.00 per 100 lbs.

Tobacco Stems. Per lb., 10c.; 30c. per 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.; per ½ ton, \$15.00; \$27.50 per ton.

Tree Food, Evergreen (Michell's). A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. Per 25 lbs. \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$4.00; \$19.00 per 500 lbs.; ½ ton, \$35.00; \$65.00 per ton.

Velvet Lawn Fertilizer (Kopper's Sulphate of Ammonia). Feeds the grass; starves the weeds. Contains 20¾% Nitrogen, readily available; scatters like sea sand, no lumping or caking; odorless. 26-oz. carton, 25c.; 50c. per 5 lbs.; 10 lbs., 75c.; \$1.75 per 25 lbs.; 50 lbs., \$3.00; \$4.00 per 100 lbs.

Vigoro. Especially adapted for the lawn and vegetable garden. 12-oz. pkg., 10c.; 50c. per 5 lbs.; 10 lbs., 85c.; \$1.50 per 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. 100 lbs., \$2.50; \$4.75 per 200 lbs.; ½ ton, \$23.50; \$45.00 per ton.

Wonder Worker Fertilizer. A high grade animal base fertilizer for growing all vegetable crops. 100 lbs., \$4.50; \$8.50 per 200 lbs.; 500 lbs., \$20.00; \$37.50 per ½ ton; ton, \$65.00.

Fern Dish
Liner

Earthen
Fern Pan



Cedar Tub

Keystone Tub

Earthen
Flower Pot

Azalea Pot

Earthen
Bulb Pan

Earthenware
Saucer

Krick's Pot
Hanger

Eureka Pot
Hanger

CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

	Top Diam.	Depth	Each
No. 0.....	24 3/4 in.	24 in.	\$11.50
No. 1.....	23 3/8 "	22 "	10.50
No. 2.....	21 "	20 "	9.50
No. 3.....	18 1/8 "	18 "	7.50
No. 4.....	16 1/2 "	16 "	6.50
No. 5.....	14 7/8 "	14 "	5.75
No. 6.....	12 7/8 "	12 "	5.00
No. 7.....	11 3/4 "	10 "	4.25
No. 8.....	10 1/8 "	9 1/2 "	3.75

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	By P.P.
1.....	6 in.	6 in.	\$0.75	\$0.90
2.....	7 "	7 "	.80	.95
3.....	8 "	8 "	.85	1.00
4.....	9 "	9 "	.90	1.05
5.....	10 "	9 "	.95	1.10
6.....	11 "	10 "	1.15	1.35
7.....	12 "	11 "	1.30	1.50
8.....	13 "	12 "	1.75	2.00
9.....	14 "	13 "	1.85	2.10
10.....	15 "	14 "	2.25	2.50
11.....	16 "	15 "	2.35	2.65
12.....	17 "	16 "	2.75	3.10
13.....	18 "	17 "	3.25	3.75
14.....	19 "	18 "	4.25	4.75

EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 inch.....	\$0.02	\$0.20	\$1.35	\$12.15
2 "	.03	.25	1.15	10.15
2 1/4 "	.04	.30	1.20	11.50
2 1/2 "	.05	.35	1.50	13.50
3 "	.06	.40	1.95	17.55
3 1/2 "	.06	.45	2.40	21.60
4 "	.07	.50	3.00	27.00
4 1/2 "	.08	.60	4.05	36.45
5 "	.10	.75	5.40	48.60
5 1/2 "	.12	1.00	6.75	60.75
6 "	.12	1.20	8.10	72.90
7 "	.20	2.00	13.50	
8 "	.25	2.75	19.50	
9 "	.35	4.00	30.00	
10 "	.50	5.50	40.50	
12 "	1.00	11.00	82.50	
14 "	1.50	17.50	135.00	

SEED PANS (Earthenware)

	Each	Doz.
6 inches square.....	\$0.83	\$9.00
8 " ".....	1.11	12.06
10 " ".....	1.38	15.12
12 " ".....	1.65	18.00

CUT FLOWER VASES (Galvanized Iron)

No.	Top Diam.	Height	Bottom Diam.	Each
65	7 1/2 in.	8 in.	6 1/2 in.	\$0.65
66	9 "	10 "	7 1/2 "	.80
67	9 "	11 1/2 "	7 1/2 "	.90
68	9 "	12 1/2 "	7 1/2 "	1.10
69	9 "	18 "	7 1/2 "	1.30
70	9 "	24 "	7 1/2 "	1.75
253	5 "	10 "	3 3/4 "	.55
254	5 1/2 "	11 "	4 1/2 "	.65
255	6 1/2 "	12 "	5 1/2 "	.80
257	6 1/2 "	15 "	4 1/2 "	1.00

AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0.10	\$0.75	\$5.40
6 "	5 "	.12	1.20	8.10
7 "	6 "	.20	2.00	13.50
8 "	7 "	.25	2.75	19.50
9 "	7 1/2 "	.35	4.00	30.00
10 "	8 "	.50	5.50	40.50
12 "	10 "	1.00	11.00	82.50

EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.....	\$0.12	\$1.20	\$8.10
7 " ".....	.20	2.00	13.50
8 " ".....	.25	2.75	19.50
9 " ".....	.35	4.00	30.00
10 " ".....	.50	5.50	40.50
12 " ".....	1.00	11.00	82.50
14 " ".....	1.50	17.50	135.00

PAPER FLOWER POTS

Ins.	P. P.	P. P.	P. P.	P. P.
Diam.	Doz.	per doz.	100	per 100
2.....	\$0.12	\$0.15	\$0.50	\$0.60
2 1/4.....	.15	.20	.60	.70
2 1/2.....	.18	.25	.65	.75
3.....	.20	.30	.80	.95
3 1/2.....	.25	.35	1.00	1.15
4.....	.35	.45	1.30	1.50
5.....	.40	.50	1.75	2.00
6.....	.45	.55	2.25	2.50

FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1 7/8 in.	\$0.22	\$2.16	\$14.40

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.06	\$0.65	\$4.50
4 3/4 "	2 1/8 "	.10	.90	6.00
5 1/2 "	2 1/4 "	.12	1.10	7.50
6 1/4 "	2 1/2 "	.14	1.25	9.00
7 "	2 5/8 "	.16	1.50	10.50
8 "	3 3/8 "	.20	2.00	15.00
9 "	3 1/4 "	.25	2.50	18.00

Note—Earthenware cannot be packed for shipment by Parcel Post.

EUREKA POT HANGERS

15c. each; doz., \$1.50 (by parcel post, \$1.70); \$10.00 per 100.

KRICK POT HANGERS

No.	Each	Doz.	P. P.
No. 1.....	\$0.07	\$0.60	\$0.65
No. 2.....	.08	.70	.75
No. 3.....	.09	.80	.85

NEPONSET BLACK PAPER POTS

Every grower of plants can cut the growing costs by using these pots; they are superior to any pot made for the actual growing of plants.

Ins.	P. P.	P. P.	P. P.	P. P.
Diam.	Doz.	per doz.	100	per 100
2.....	\$0.15	\$0.20	\$0.65	\$0.75
2 1/4.....	.18	.25	.80	.90
2 1/2.....	.20	.30	.80	.90
3.....	.25	.35	.90	1.00
3 1/2.....	.30	.40	1.10	1.25
4.....	.35	.45	1.35	1.50
5.....	.40	.50	1.75	1.95
6.....	.45	.55	2.50	2.75

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches.....	\$0.03	\$0.30	\$2.25
5 ".....	.04	.40	3.00
6 ".....	.06	.65	4.50
7 ".....	.08	.80	6.00
8 ".....	.10	1.10	8.25
9 ".....	.15	1.50	11.25
10 ".....	.20	1.75	13.50
11 ".....	.25	2.25	16.50
12 ".....	.30	2.75	20.25
14 ".....	.40	4.50	33.75

RUBBER SAUCERS

Durable and waterproof.

Size	Each	Each	Doz.
4 inches.....	\$0.15	\$0.20	\$1.65
4 1/2 ".....	.20	.25	2.25
6 ".....	.25	.30	2.75
6 1/2 ".....	.30	.40	3.25
7 1/2 ".....	.35	.45	4.00
9 ".....	.45	.55	5.00
10 ".....	.65	.75	7.50
12 ".....	.80	.95	9.25

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

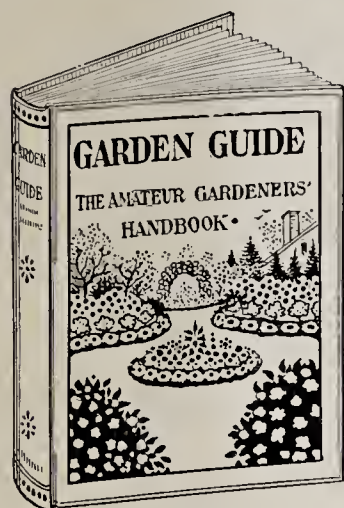
Diameter	Each	Each	Doz.
6 1/4 inches.....	\$0.40	\$0.45	\$4.50
8 ".....	.50	.60	5.50
10 ".....	.60	.70	6.50
12 ".....	.85	.95	9.00
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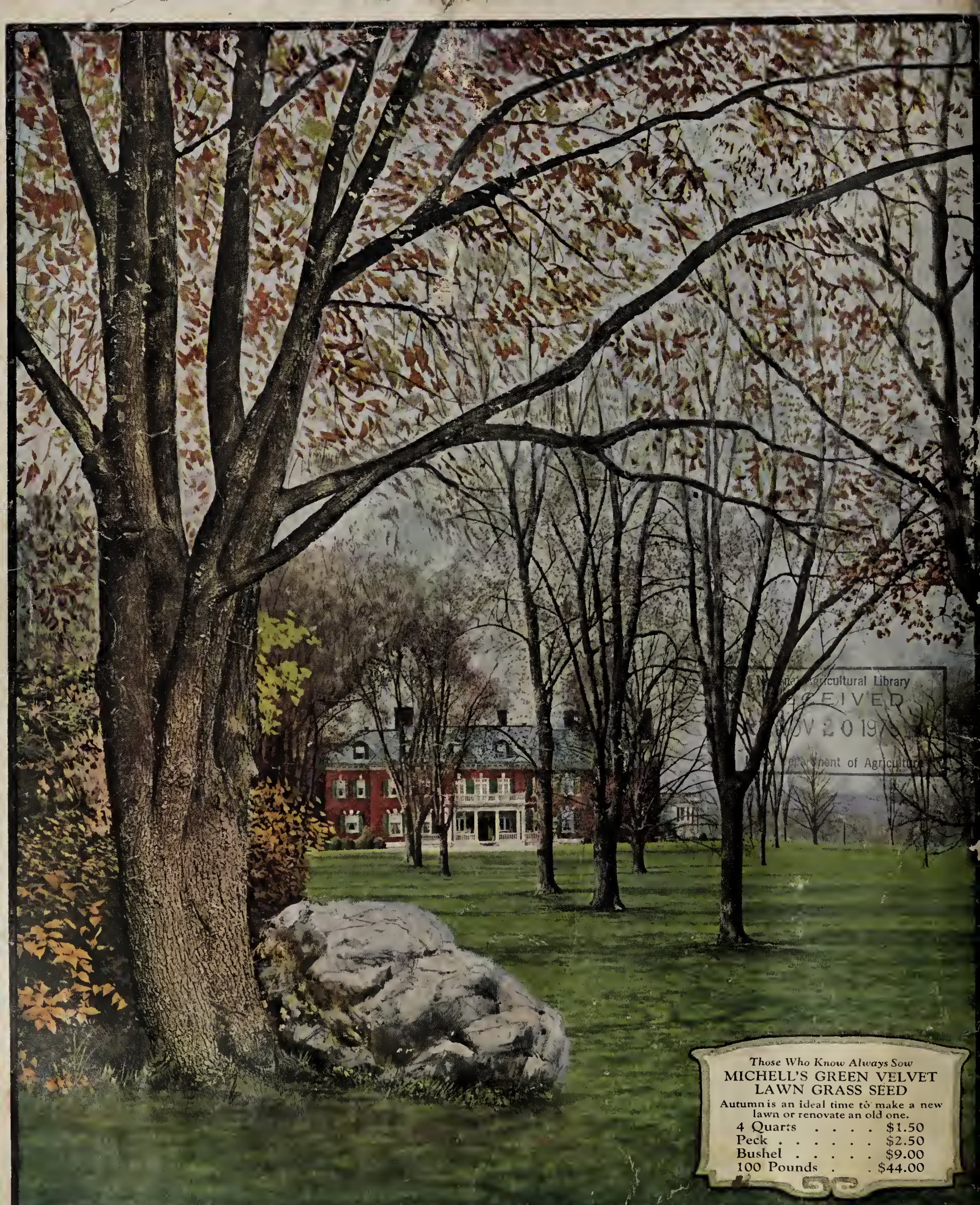
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